Tutorials: Image FX ■ OctaMED ■ Personal Paint ■ PageStream ■ AudioMaster IV

FREE book!

CU AMIGA MAGAZINE

December 1995

Only £4.25!



Wow, it's ... Worms!

First review and exclusive cover disk

FREE 132 PAGE AMIGA E GUIDE

AMIGA MAGAZINE — INCLUDED WITH THE DECEMBER'95 ISSUE OF CU AMIGA – BRITAIN'S BEST AMIGA MAGAZINE — DISK 121

Exclusive demo!

WORMS

Guns, Strategy, Airstrikes ... yeah!

For all Amigas with 1Mb — AMIGA MAGAZINE

AMIGA MAGAZINE — INCLUDED WITH THE DECEMBER'95 ISSUE OF CU AMIGA – BRITAIN'S BEST AMIGA MAGAZINE — DISK 122

For all Amigas

Amiga E

Program your own games and utilities with this month's cover disk and FREE guide!

AMIGA MAGAZINE

No disks or book? Ask your Newsagent now.

FinalCalc
The Amiga's best spreadsheet? p68

Blizzard 1230 IV
High speed accelerator for A1200 p70

Demo Maniac
Create demos the easy way p74

FREE!

Full program and 132 page startup guide

Learn to program your own applications with Amiga E

PLUS:
- Leading Lap
- Flight of the Amazon Queen
- DM 2
- and more ...

An EMAP Images Publication £4.25

12 >

9 770963 009044

US$9.50 • L16,000 • ASCH170 • BFR 380 • CA$12.95

floppy drives



3.5 super xl drive

The Super XL Drive allows you to store 3.5MB on a high density disk.

3.5 SUPER XL DRIVE **£129.95**



1.76 xl drive

The XL Drive allows you to store a 1.76MB on a high density disk.

1.76 XL DRIVE EXTERNAL	**£79.95**
1.76 XL DRIVE INTERNAL	**£75**
1.76 XL DRIVE A4000	**£75**
PC880B EXT.POWER DRIVE	**£49.95**



internal drives

PC881 A500	**£30.95**
PC882 A2000	**£35.95**
PC883 A600/1200	**£35.95**

hard drives

HEWLETT PACKARD

1 GIGABYTE 3.5 SCSI	**£459**

MICROPOLIS

2 GIGABYTE 3.5 SCSI	**£659**
4 GIGABYTE 3.5 SCSI	**£1099**
9 GIGABYTE 3.5 SCSI	**£2199**

HITACHI

340MB 2.5 IDE	**£189**
510MB 2.5 IDE	**£299**
810MB 2.5 IDE	**£599**
1 GIGABYTE 2.5 IDE	**£719**

OTHERS

80MB 2.5 IDE	**£70**
120MB 2.5 IDE	**£95**

m-tec hd

External IDE hard disk for the A500 comes complete with an internal ROM switcher, and upgradable to 4MB RAM

M-TEC AT500 BARE	**£99**
M-TEC AT500 420MB	**£259**

MEMORY REQUIRES 30-PIN SIMMS

floppy expander

Save 1.5MB on a standard floppy drive and 3MB when used in conjunction with the XL Drive 1.76.

FLOPPY EXPANDER **£10**

disk expander

Disk Expander can add upto to 50% to your hard drive capacity and works with all drives including SCSI, IDE, Floppies and even the RAM disk. Disk Expander works on any Amiga with any Kickstart.

DISK EXPANDER **£25**

overdrive hd

External PCMCIA 3.5" IDE hard disk

OVERDRIVE BARE	**£99**
OVERDRIVE 420MB	**£259**

dat drives

2 TO 4 GIGABYTE	**£659**
4 TO 8 GIGABYTE	**£899**
2 TO 4 CARTRIDGE DL90	**£12**
4 TO 8 CARTRIDGE DL120	**£19.95**

optical drives

128 OPTICAL	**£479**
230MB OPTICAL	**£719**
1.3 GIGABYTE OPTICAL	**£1999**
230MB OPTICAL DISK	**£29.95**
1.3 GIGABYTE DISK	**£139.95**

external cases

SCSI case suitable for CD-ROM/HD/DAT and Optical drives.

5.25" SCSI or IDE CASE	**£79.95**
3.5" SCSI or IDE CASE	**£79.95**

zip drive new

ZIP DRIVE 100MB SCSI	**£179.95**
100MB DISKETTE	**£15.95**

ZIP DRIVE REQUIRES SQUIRREL SCSI INTERFACE

video backup 3

Backup to 520MB onto a 4hr VHS tape. Version 3 has new backup modes for Amiga's with a 68020 or higher CPU.

VIDEO BACKUP SCART	**£65**
VIDEO BACKUP PHONO	**£60**
UPGRADE TO VERSION 3	**£20**

hisoft

SQUIRREL SCSI INTERFACE	**£59.95**
AURA	**£79.95**
MEGALOSOUND	**£29.95**
VIDEOMASTER AGA	**£59.95**
VIDEOMASTER AGA RGB	**£99.95**
VIDEOMASTER	**£52.95**
VIDEOMASTER RGB	**£89.95**
COLOURMASTER	**£52.95**
PROMIDI INTERFACE	**£19.95**

squirrel scsi interface included where you see this logo

chips and spares

256 x 32 SIMM 72-PIN (1MB)	**£40**
512 X 32 SIMM 72-PIN (2MB)	**£75**
1 X 32 SIMM (4MB)	**£139**
2 X 32 SIMM (8MB)	**£279**
4 X 32 SIMM (16MB)	**£449**
1 X 8 SIMM 32-PIN (1MB)	**£30**
4 X 8 SIMM 32-PIN (4MB)	**£139**
1 X 4 STATIC COLUMN A3000	**£25**
1 X 4 DIP	**£25**
256 X 4 DIP	**£5**
1 X 1 DIP	**£5**
CIA	**£12**
GARY	**£19**
PAULA	**£19**
DENISE	**£19**
SUPER DENISE	**£25**
KEYBOARD IC	**£12**
FAT AGNUS 1MB	**£19**
FAT AGNUS 2 MB	**£29**
PRINTER CABLE	**£6**
RS232 CABLE	**£6**
SCSI EXTERNAL	**£15**
WORKBENCH 3.1 A500/2000	**£85**
WORKBENCH 3.1 A3000/4000	**£95**
ROM SHARE DEVICE	**£19**
2.04 ROM CHIP	**£25**

power scanner

The award winning Power Scanne[r] includes the following features: Sca[n] in 24-bit at upto 200DPI (all Amiga[s] not just AGA)*, Scan in 256 greyscale[s] at up to 400DPI (all Amigas), Thru'por[t] for printer connection, Fully support[s] AGA chipset, Display HAM8/24-bi[t] images on a non-AGA Amiga (via image conversion), full editing facilitie[s] included. Works with 2.04 ROM o[r] above, min 1MB (recommend 2MB).



POWER SCAN 4 B/W	**£89.95**
POWER SCAN 4 COLOUR	**£169.95**
OCR (BOUGHT WITH SCANNER)	**£20**
OCR SOFTWARE	**£49.95**
POWER SCAN 4 S/W ONLY	**£20**
PC INTERFACE + COL S/W	**£49.95**
PC INTERFACE + B/W S/W	**£39.95**



flatbed scanners

24-bit A4 flatbed scanners, complete with software, cables and manual.*

EPSON GT-8500 (24-BIT, INC. POWERSCAN SOFTWARE)	**£579.95**
EPSON GT-9000 (24-BIT, INC. IMAGE FX REV. 1.5 SOFTWARE)	**£729.95**
ADPRO SOFTWARE	**£149.95**
IMAGE FX 2.0 S/W	**£149.95**

*EPSON SCANNERS DIFFER FROM ONE SHOWN

amiga 4000

a4000 tower

new



The tower comes complete with 6 x 5.25" drive bays, 5 x 3.5" drive bays, 7 x Zorro slots, 5 x PC slots, real time clock and a 230 watt power supply.

A4000 TOWER **£349**

octogen scsi-2

SCSI-2 controller card for the Amiga 2000/4000. Upgradable to 8MB RAM.

OCTOGEN 2008 .... **£129**

aga flicker fixer

ScanDoubler II is a full 24-bit AGA flicker fixer which automatically de-interlaces all AGA screen modes and scan doubles non-interlaced PAL/NTSC modes to allow VGA monitors to display them. Supports VGA, S-VGA and Multiscan monitors. Pixel sharp picture, even at 1440 horizontal resolution and has a standard 15-pin VGA type connector. Comes with composite video/S-VHS outputs.

SCAN DOUBLER II **£399**

tandem cd-de

Connect a CD-ROM, Syquest and any IDE hd to your A2000/3000/4000. Comes complete with cable and s/w. ROM 2.04 or above.

TANDEM CD-DE **£69**

award winning amiga peripheral manufacturers

gvp products

Power Computing Ltd are now the official joint owner and manufacturer of Great Valley Products Inc. For more information, please call 01234 273000.

a4000 68060

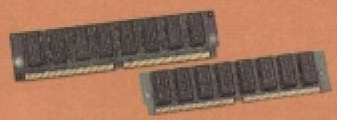
A 68060 accelerator board for the A4000 running at 50MHz and allowing upto 128MB of user installable memory and a SCSI-II hard disk controller. The board can be configured with either 4MB, 8MB, 16MB or 32MB industry standard SIMMs.

A4000 68040 (0MB RAM) £699
A4000 68060 (0MB RAM) £829
4MB STANDARD ADD £139
4MB GVP ADD £159

a2000 68060

A 68060 accelerator board for the A2000 running at 50MHz and allowing upto 128MB of user installable memory and a SCSI-II hard disk controller.

A2000 68040 (0MB RAM) .... £TBA
A2000 68060 (0MB RAM) .... £TBA
4MB STANDARD ADD £139
4MB GVP ADD £159



gvp ram

Official GVP RAM SIMMs.

4MB GVP RAM £159
16MB GVP RAM £549

gvp hc-8 scsi

SCSI hard card which can fit 8MB of RAM on-board.

HC-8 SCSI CARD £99

gvp g-lock

Award winning Amiga Genlock.

G-LOCK AMIGA GENLOCK £259
DSS-8 SOUND SAMPLER £55

io-extender

Zorro II card that provides an additional serial port, parallel port and connection for optional RS422 and RS232 port. Call for details

ioEXTENDER £59

emulation

Mac and PC emulators for the Amiga.

EMPLANT MAC BASIC £239.95
BASIC MAC EMULATOR
EMPLANT MAC OPTION A .. £279.95
DUAL SERIAL PORT AND APPLETALK
EMPLANT MAC OPTION B .. £279.95
HI-SPEED SCSI INTERFACE
EMPLANT MAC DELUXE ... £399.95
INCLUDES OPTION A AND B
E586 DX MODULE £89.95
PC EMULATOR MODULE

new



glidepoint

Intuitive cursor control at your finger tips replaces the mouse or trackball and 'Tap' for an instant selection.

ALPS GLIDEPOINT £59.95

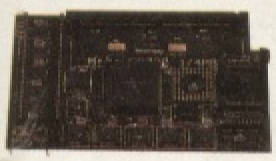
new



power tablet

Pen and cursor controlled graphic tablet, including cables and software.

POWER TABLET 12 X 12 . £195.95
INCL. PEN, CURSOR AND POWER TAB S/W

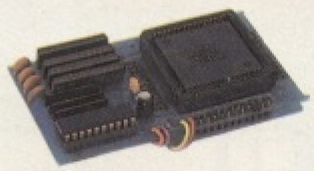


a500 68020ec

A 68020 EC processor accelerator card for the A500 and A500+, with an option to fit a 68881 or 68882 co-processor (PLCC or PGA). This card can fit upto 4MB FAST RAM and is fully auto-configuring.

NOT COMPATIBLE WITH GVP HARD DRIVE

A500 68020 EC 0MB RAM ... £99.95
A500 68020 EC 4MB RAM .. £239.95

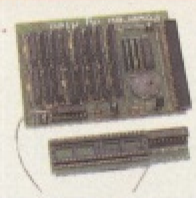


megachip ram

Increase your Amiga 500/2000 chip RAM to a total of 2MB. MegaChip does this by using its own 2MB RAM and also now includes a 2MB Fat Agnus. No soldering is required.

MEGACHIP RAM £159.95

VGA ADAPTOR £15



a500 2mb ram

A 2MB RAM board for the A500 which fits in the trap door slot.

A500 2MB RAM £90

MEMORY CARDS

512K RAM WITH CLOCK £24.95
512K RAM WITHOUT CLOCK . £19.95
A600 1MB RAM £39.95
A500+ 1MB RAM £29.95

modems

ACEEX V32 BIS 14.4 NOT BT APPROVED £139
X-LINK TRUE V34 28.8 BT APPROVED £229.95
TRAPFAX MODEM SOFTWARE ... £49
ALL MODEMS INCLUDE SOFTWARE AND CABLES

printers/monitors

MICROVITEC 1438 14" £289
EPSON STYLUS INC.PAPER £489
EPSON STYLUS PRO XL A3+ .. £1499
EPSON STYLUS/PRO XL INCLUDE STUDIO II SOFTWARE
STUDIO II SOFTWARE £49.95

graphic/video

PICASSO II 2MB RAM £249.95
INCLUDING TV PAINT JNR.
PICASSO II 2MB RAM £399.95
INCLUDING TV PAINT 2
CYBERVISION 64 .... £329.95
64-BIT GRAPHICS ENGINE, INCLUDES 2MB
VIDEO DAC £25
18-BIT GRAPHICS ADAPTOR
MAXIGEN 3 .... £299.95
VIDEO GENLOCK

order form

phone orders
We accept most major credit cards and are happy to help you with any queries.

postal orders
Ordering by cheque/PO please make payable to **Power Computing Ltd** and specify which delivery is required.

warranty
All Power products come with a 12 month warranty unless otherwise specified.

technical support
Help is on hand with a full Technical Backup service which is provided for Power customers.

mail-order prices
All prices listed are for the month of publication only, call to confirm prices before ordering.

export orders
Most items are available at Tax Free Prices to non-EC residents. Call to confirm prices. BFPO orders welcome.

mail-order terms
All prices include VAT. Specifications and prices are subject to change without notice. All trademarks are acknowledged. All orders in writing or by telephone will be accepted only subject to our terms and conditions of trade, copies of which are available on request.

NAME ....
ADDRESS ....
....
....
.... **POSTCODE** ....
TELEPHONE NO. ....

SYSTEM OWNED ....
DESCRIPTION ....
....
....
....

TOTAL AMOUNT (inc. delivery) £ ....

CREDIT CARD NO. ....
EXPIRY DATE .... **SIGNATURE** ....

DELIVERY 2-3 DAYS £2.50 ☐ NEXT DAY £5 ☐ SAT £10 ☐

MINIMUM DELIVERY £2.50 — ALLOW UP TO 7 DAYS FOR CHEQUES TO CLEAR

s .... for product information sheets please call ....

TELEPHONE **01234 273000**
FACSIMILE **01234 352207**

POWER COMPUTING LTD
44A/B STANLEY STREET
BEDFORD MK41 7RW

.power

contents

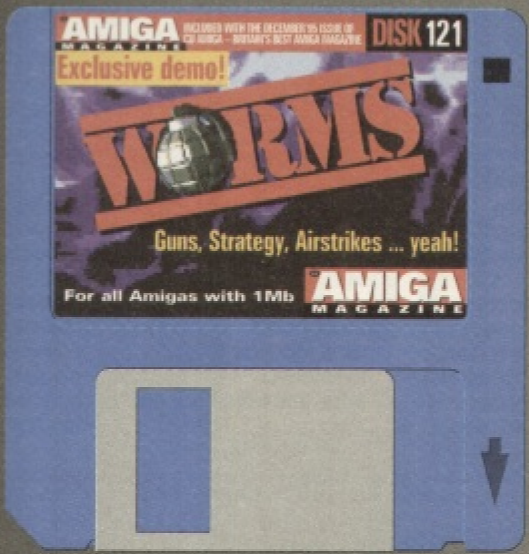
CU AMIGA MAGAZINE • DECEMBER 1995

This Month's Features

Public Domain

Get Serious

Cover Disks





Games

PREVIEWS

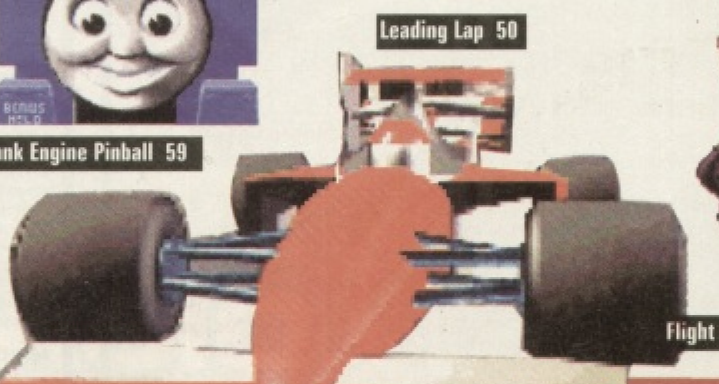
REVIEWS


Dungeon Master II 56


Worms 43



Thomas the Tank Engine Pinball 59


Leading Lap 50


Flight of the Amazon Queen 48

Editorial



Welcome to CU Amiga Magazine. If you are a new reader who has just purchased an Amiga, or if you are a regular reader you should enjoy this issue. Not only do we have a review and cover disk of what is quite possibly the game of the year (no offence to *Sensi* fans), we've also cover mounted a full and fast C-style programming language and guide book. If you are an experienced programmer you should find *Amiga E* very useful. If you dabble in programming or are new to the subject you will no doubt find it difficult to use and understand, but spend some time on it and the fruits of your efforts will show.

Last month's CD-ROM issue proved exceedingly popular, but if you couldn't get hold of it try again. Because it went on sale a week late we have had its on-sale date extended by a week so if you wanted one and didn't get it you should ask your local WH Smiths or Menzies about it now. They may still have some left!

On one final note, if you are a new reader with a new Amiga A1200, then I hope the Complete Guide that came with it (see news) was useful. If it started you off with the basics then our aim has been achieved.
Alan Dykes, Editor

Buying

Workshop

Advertisers' Index

Editorial

EDITOR: Alan Dykes
DEPUTY EDITOR: Lisa Collins
TECHNICAL EDITOR: Tony Horgan
STAFF WRITER: Mat Bettinson
GAMES CONSULTANT: Matt Broughton
ART EDITOR: Helen 'A French Kiss' Danby
DESIGNER: Anthony Collins
TECHNICAL CONSULTANT: John Kennedy
CONTRIBUTORS: Andrew Leaning, Peter Lee, Andy Mitchell, Vampyra, Martin Davies, Larry Hickmott, Ed Wiles, Jason Compton, Mark Patterson.
PHOTOGRAPHY: Mark Gatehouse

Advertising/Marketing & Management

ADVERTISING MANAGER: Justine Carlson
SALES EXECUTIVE: Marianna Masters
AD PRODUCTION: Tina Gynn, Vicky Jacobs and Ryan Boundy
PRODUCT MANAGER: Fiona Malloch
SUBSCRIPTIONS MANAGER: Katherine Kleeb
PUBLISHING DIRECTOR: David Kelly
EXECUTIVE PUBLISHING DIRECTOR: Graham Taylor

Contacts

When contacting CU AMIGA MAGAZINE there are two golden rules.
1: Send your letters etc to the right department and please do not send a stamped self-addressed envelope.
2: Please remember that we have to write and produce your favourite magazine every month, so try to keep your correspondence short and to the point. Although we'd love to, we simply cannot reply personally to the hundreds of calls, letters, and faxes we get. Answers have to be through the pages of the magazine only.

ADVERTISING AND ADVERTISING PROBLEMS: If you wish to advertise, or have a problem with a company advertising in CU AMIGA MAGAZINE our advertising team will be glad to help. Contact Justine Carlson or Marianna Masters on 0171-972 6700, fax them on 0171 216 6219, or write to them at CU AMIGA MAGAZINE Advertising, Priory Court, 30-32 Farringdon Lane London EC1R 3AU.

READERS' LETTERS AND TECHNICAL PROBLEMS: For general, non-technical, enquiries send your letters to Backchat. for technical problems send them to Q&A. Both are at CU AMIGA MAGAZINE, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU. Phone: 0171 972 6700, FAX: 0171 972 6703. Please remember that we cannot answer enquiries in detail by phone. If you need advice urgently or have a problem then do call us between 4.30pm and 5.30pm mon-fri. We will try to assist you within these hours, but complex questions may be too difficult to resolve over the phone. Alternatively, E-mail us at backchat@cu-amiga.demon.co.uk or Q+A@cu-amiga.demon.co.uk.

PD SUBMISSIONS: We get hundreds of new PD programs every week, but we're still hungry for more. If you've written a PD program that you're proud of send it to the PD ZONE, CU AMIGA MAGAZINE, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.

COMPETITIONS: CU AMIGA MAGAZINE runs competitions almost every issue. To enter one of these simply put your name and address on the back of postcard, along with the answers and send them to us at the usual address. Competition entries are only accepted by post. One entry per person please and the editor's decision is final. Winners will be notified by post. Other rules may be printed from time to time.

BACK ISSUES: 01858 468 888. Subject to availability.

SUBSCRIPTION DETAILS: Subscriptions are available from Tower Publishing, Tower House, Sovereign Park, Lathkill Street, Market Harborough LE16 9EF Tel: 01858 468888. Annual subscription rates (inc postage) 12 issues: UK/BFPO £47.40. SURFACE/ROW £55.00. AIRMAIL EUROPE £60.00. AIRMAIL ROW ZONE 1 £90.00. AIRMAIL ROW ZONE 2 £96.00.

COVER DISK PROBLEMS: If you have a faulty cover disk then write or return your disk to our 3.5 inch people: CU AMIGA MAGAZINE COVER DISK RETURNS, DISKXPRESS, UNIT 7, WILLOW COURT, BOURTON INDUSTRIAL PARK, BOURTON-ON-THE-WATER, GLOUCESTERSHIRE, GL54 2HQ.

COMMS: You can contact CU AMIGA MAGAZINE, via the Internet/E-Mail. To do so use the addresses printed in the Comms pages of this magazine. Please keep E-Mail brief and to the point.

© EMAP Images 1995. No part of this magazine may be reproduced in any form, either electronic or mechanical, or sold without the express written permission of the publisher. Cover disks remain the copyright of their respective suppliers and may not be duplicated, distributed or sold on without their permission. All material and prices are believed to be accurate at the time of going to press. CU AMIGA MAGAZINE attempts to maintain the highest standards, but cannot be held responsible for any errors, factual or otherwise which may have inadvertently creeped into the issue. None of the reviews or previews in any section of this magazine constitute paid for or otherwise solicited advertisements for that product or supplier. CU AMIGA MAGAZINE is an independent publication and the opinions expressed by its reviewers are their own, free of any outside encumbrance.

PRINTED IN THE UNITED KINGDOM BY ST IVES PETERBOROUGH   ABC: 55,789 Jan – Jun 1995.

1353-669203
181-6869973
117-9741462
1525-211327
1525-718181
1821-650488
1938-556575
1543-250377
345-660015
234-843388
1268-277172
1423-530691
1903-850378
1702-202835
181-309-1111
1374-678068
1279-600204
115-9444501
116-2340682
1322-272908
1785-813355

Davies, Larry

ment

essed envelope.
month, so try
cannot reply
ugh the pages

lem with a
. Contact
write to them
R 3AU.

s send your
MAGAZINE,
71 972 6703.
ce urgently or
ist you within
ernatively,

ungry for
AMIGA

one of these
send them to
rson please
nted from time

use,
l subscription
PE £60.00. AIR-

to our 3.5 inch
/ COURT,
2HQ.

the addresses
t.

electronic or
ks remain the
n without
g to press.
responsible
e. None of the
licited
publication and
e.

Jan – Jun 1995.



Membership Card   Sales: 01279 600204

Special Reserve
The Discount Club



CHAMP MGR 2 **20.99** | FEARS **20.99** | SENSIBLE WORLD **19.99** | CANNON FODDER 2 **11.99** | COLONIZATION **22.99** | F1 GRAND PRIX **10.49** | ULT SOCCER MGR **19.99** | GLOOM **20.99** | SENSIBLE GOLF **19.99** | BODY BLOWS **3.99**

NOP = not A500 +, A600 or A1200
NO12 = will not work on A1200
512K = will work on 512k machines
HDR = Hard Drive Required
EDR = External Drive Required
• = NEW item
XS SAVER = deduct amount shown until date shown

A1200 GAMES

ALADDIN ...12.99
ALIEN BREED - TOWER ASSAULT ...15.49
ALIEN BREED 2 ...8.99
ALIEN BREED 3D ...20.99
ANDRE AGASSI TENNIS ...20.99
BALDIES ...19.99
BODY BLOWS ...11.99
BODY BLOWS GALACTIC ...18.99
BRUTAL ...19.99
CIVILISATION AGA ...13.99
COLONIZATION ...22.99

CORE COMPILATION VOL 1
BANSHEE, SKELETON KREW, HEIMDALL 2 ...**19.99**

DETROIT ...21.99
DUNGEON MASTER 2 ...23.49
FEARS ...20.99
FIELDS OF GLORY ...12.49
FOOTBALL GLORY ...14.99
GLOOM ('DOOM' CLONE) ...20.99
GUARDIAN ...19.99
HEIMDALL 2 - BANE OF ASGARD ...17.99
HIGH SEAS TRADER ...22.49
IMPOSSIBLE MISSION ...12.99
JUNGLE STRIKE ...12.99
KINGPIN ...10.99
MORPH ...3.99
NEW WORLD OF LEMMINGS ...22.49
ODYSSEY • ...20.99
ON THE BALL - LEAGUE EDITION HDR 12.49
PGA EUROPEAN TOUR ...14.99
PINBALL ILLUSIONS ...19.49
POLE POSITION ...19.49
PUSSIES GALORE ...17.99
ROAD KILL ...12.99
ROBOCOD (AEG) ...3.99
SHADOW FIGHTER ...10.99
SIM CITY 2000 HDR/5MB ...21.99
SIMON THE SORCERER ...14.99
SIMON THE SORCERER 2 ...23.99
SKELETON KREW ...18.99
SOCCER SUPER STARS ...9.99
SUB WAR 2050 ...18.99
SUPER LEAGUE MANAGER ...19.49
SUPER STARDUST ...18.99
THEME PARK ...22.99
UFO - ENEMY UNKNOWN ...22.99
ULTIMATE SOCCER MANAGER ...19.99
WEMBLEY - INT'L SOCCER ...17.99

A1200 UTILITIES

BRILLIANCE V.2 AGA
PREMIER PROFESSIONAL ART PACKAGE WITH MANY FEATURES NOT AVAILBLE ON SIMILAR PRICED PACKAGESE HDR ...**48.99**

PC TASK V.3.1
SOFTWARE PC EMULATION SYSTEM WINDOWS COMPATIBLE WHEN USED WITH A4000. REQUIRES MSDOS 3.3 OR ABOVE. (INSTALLABLE) ...**59.99**

PHOTOGENICS V1.2.
THE ULTIMATE GRAPHICS AND MANIPULATION PROGRAM WITH MULTIPLE FILE FORMAT SUPPORT (INCLUDES IFF, GIFF, JPEG) AND MANY EDITING FEATURES RATED 95% BY AMIGA FORMAT (INSTALLABLE) ...**53.99**

VISTA PRO (LITE)
POWERFUL SCENERY CREATOR AND ANIMATOR. WILL RUN ON STANDARD 2 MB A1200 HDR ...**26.99**

WORDWORTH V.3.1 AGA
WORD PUBLISHER. PREMIER TOP QUALITY WORD PUBLISHER PACKAGE. EDR OR HDR ...**57.99**

AMIGA GAMES

A-TRAIN + CONSTRUCTION SET ...9.99
A10 TANK KILLER ...12.99
ALIEN BREED TOWER ASSAULT (512K) 14.99
ALIEN BREED 2 ...8.99
ANDRE AGASSI TENNIS ...18.99
APPROACH TRAINER • ...29.99
ARCADE POOL ...7.99

AWARD WINNERS 3
CIVILISATION, ELITE 2, LEMMINGS ...**20.99**

B17 FLYING FORTRESS ...12.99
BALDIES ...19.49

BEAU JOLLY COMP
CANNON FODDER, SETTLERS, CHAOS ENGINE, T2 ...**17.99**

BIG 100 (100 SHAREWARE GAMES) ...8.99
BLACK CRYPT ...10.99
BODY BLOWS ...3.99
CANNON FODDER ...12.99
CANNON FODDER 2 ...11.99
CENTERFOLD SQUARES ...4.99

CHAMPIONSHIP MANAGER 94/95 (END OF SEASON DATA DISK) ...7.99
CHAMPIONSHIP MANAGER COLLECTION (93/94 + UPDATE DISK) ...14.99
CHAMPIONSHIP MANAGER ITALIA 95 17.99
CHAMPIONSHIP MANAGER 2 (95) ...20.99

CHAOS ENGINE (512K) ...9.49
CHAOS ENGINE 2 ...22.99

CLASSIC COLLECTION - DELPHINE
FLASHBACK, CRUISE FOR A CORPSE, ANOTHER WORLD, OPERATION STEALTH, FUTURE WARS ...**18.99**

CLASSIC COLLECTION - LUCAS ARTS
MONKEY ISLAND, INDY JONES ADVENTURE, LOOM, MANIAC MANSION, ZAK MCKRACKEN ...**19.99**

CLUB FOOTBALL - THE MANAGER ...9.99
COLONIZATION ...22.99
COLOSSUS CHESS X (NO12) ...4.99
CORRUPTION (M/SCROLLS) (512K) ...4.49
CRICKET CAPTAIN (NOP) ...4.99
CRICKET MASTERS (ESP) ...20.99
DAILY DOUBLE HORSE RACING ...4.99
DESERT STRIKE ...10.99
DETROIT ...21.99
DOGFIGHT ...12.99
DUNE ...11.49
DUNE 2 - BATTLE FOR ARRAKIS ...13.99
ELITE (512K) ...4.99
ELITE PLUS ...12.99
EMBRYO (512K) ...14.99
EYE OF THE BEHOLDER ...12.49
EYE OF THE BEHOLDER 2 ...12.49
F117A STEALTH FIGHTER 2.0 ...12.99
FIELDS OF GLORY ...13.99
FIFA INTERNATIONAL SOCCER ...17.99
FOOTBALL DIRECTOR 2 ...4.99
FOOTBALL DIRECTOR 3 • ...20.99
FORMULA 1 - WORLD CHAMP ED (512K) 20.99
FORMULA 1 GRAND PRIX (512K) ...10.49
FORMULA 1 MASTERS ...20.99
GLOOM DELUXE • ...20.99
GOAL (512K) ...5.99

GRAHAM GOOCH - TEST MATCH ...19.49
GRAHAM GOOCH WORLD CRICKET 15.99

GREMLIN COMPILATION VOL 2
ZOOL 2, LOTUS 3, PREMIER MANAGER 2, SPACE CRUSADE ...**18.99**

GUNSHIP 2000 ...14.99
HEART OF CHINA ...12.99
HEIMDALL 2 - BANE OF ASGARD ...17.99
HEROQUEST 2 - LEGACY OF SORASIL 9.99
HISTORYLINE 1914-18 ...12.99
INDIANA JONES FATE OF ATLANTIS 13.99
INNOCENT ...9.99
JINXTER (512K) ...4.49
JUNGLE STRIKE ...12.99
JURASSIC PARK ...12.99
KGB (512K) ...11.99
KINGPIN ...10.99
KNIGHTS OF THE SKY ...12.49
LEMMINGS 2 ...9.99
LOMBARD RAC RALLY (512K) ...6.99
LORDS OF THE REALM ...21.49
LOST VIKINGS (512K) ...9.99
LURE OF THE TEMPTRESS ...11.99
MAN UTD - THE DOUBLE ...22.99
MICRO MACHINES (512K) ...12.99
MICROPROSE GOLF ...7.99
MORTAL KOMBAT 2 ...19.99
MR BLOBBY (512K) ...4.99
NICK FALDO'S GOLF (512K) ...6.99

ON THE BALL - LEAGUE EDITION ...12.49
ON THE BALL - WORLD CUP EDITION 12.49

PGA EUROPEAN TOUR ...12.99
PGA TOUR GOLF (512K) ...11.99

PINBALL DOUBLE PACK
PINBALL DREAMS & FANTASIES ...**17.49**

PINBALL FANTASIES (512K) ...9.99
PLAYER MANAGER 2 ...15.99
POLICE QUEST 3 ...12.99
POPULOUS & PROMISED LANDS (512K) (NO12) ...10.99
POWERDRIVE ...9.99
POWERMONGER + WW1 DATA DISK (512K) ...11.49
PREMIER MANAGER 3 + EDITOR ...13.99
PREMIER MANAGER 3 EDITOR ...9.99
PRIMAL RAGE ...22.99
PRINCE OF PERSIA ...6.99
REACH FOR THE SKIES (512K) ...11.99
RISE OF THE ROBOTS ...14.99
ROAD RASH (512K) ...10.49
ROME AD 92 ...12.99
RUGBY LEAGUE COACH ...16.49
SCRABBLE (512K) ...12.99
SECOND SAMURAI (NO12) ...6.99
SECRET OF MONKEY ISLAND ...12.99
SECRET OF MONKEY ISLAND 2 ...12.99
SENSIBLE GOLF ...19.99
SENSIBLE WORLD OF SOCCER ...19.99
SETTLERS ...15.49
SILENT SERVICE 2 (NO12) ...11.99
SIMON THE SORCERER ...14.99
SKID MARKS ...12.49

SPACE LEGENDS
WING COMMANDER, MEGATRAVELLER, ELITE ...**11.99**

SPEEDBALL 1 & 2 (512K) ...7.99
SPERIS LEGACY ...18.99

SPORTS MASTERS
PGA GOLF, INDY 500, ADVANTAGE TENNIS, EUROPEAN CHAMPS 1992 **13.99**

STABLE MASTERS (ESP) ...20.99
STEVE DAVIS WORLD SNOOKER ...4.99
STRIKER MANAGER ...4.99
SUPER LEAGUE MANAGER ...17.99
SUPER SKID MARKS 2 ...20.99
SUPER STREETFIGHTER 2 ...23.99
SWIV (512K) (NOP) ...4.99
SYNDICATE ...12.99

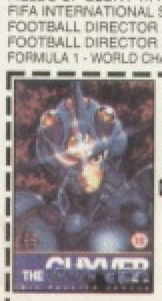
THE LOST TREASURES OF INFOCOM 1
20 CLASSIC TEXT ADVENTURES (512K) **19.49**

THEME PARK ...22.99
TORNADO ...12.99
UFO - ENEMY UNKNOWN ...20.99
ULTIMATE SOCCER MANAGER ...19.99
WING COMMANDER 1 ...5.99
WINTER OLYMPICS ...9.99

WORLD CUP YEAR 94
GOAL, CHAMP MANAGER 94 + DATA DISK, STRIKER, SENSIBLE SOCCER **12.99**

WORLD OF GOLF • ...20.99
ZEEWOLF ...11.99
ZEEWOLF 2 • ...23.99
ZOOL 2 ...4.99

WHEN YOU JOIN:



Buy any item at the same time as joining or renewing for one year and we'll give you

GUYVER 1
Animated Action MANGA VIDEO (Rated 15)
OR
SUPERMODEL KELLY
Top quality laminated MOUSE MAT



ABSOLUTELY FREE

Just state your choice as you order. Overseas members add £2 carriage. Existing member can renew early to take advantage of these offers



NEW from Manga Video
STREET FIGHTER 2 ANIMATED MOVIE
rated 15 VHS tape
12.99

XTRA SAVINGS ON VIROCOP & FLIGHT OF AMAZON QUEEN



UNTIL OCT 31ST
FLIGHT OF THE AMAZON QUEEN ...19.49
XS VIROCOP - **DEDUCT £3** UNTIL DEC 28
SAVE A FURTHER £3 OFF OUR DISCOUNT PRICE
VIROCOP (A1200) ...19.99
VIROCOP (A500/600) ...19.99
XS VIROCOP - **DEDUCT £5** UNTIL NOV 21
RRP = £25.99 SRP = £19.99 - £5 SAVE £11.00

AMIGA UTILITIES

DELUXE PAINT 3
VERY POWERFUL ART AND ANIMATION PACKAGE (INSTALLABLE) ...**9.99**

GB ROUTE PLUS
POWERFUL AND EASY TO USE ROUTE PLANNING SYSTEM. (INSTALLABLE) **36.99**

KINDWORDS 3
FULLY FEATURED VALUE FOR MONEY WORD PUBLISHER. (INSTALLABLE) **21.99**

MINI OFFICE
INTEGRATED WORD PROCESSOR, SPREADSHEET, DATABASE AND DISK UTILITIES. (INSTALLABLE) ...**34.99**

ORGANISER
PERSONAL INFORMATION MANAGER FROM WORDWORTH'S PUBLISHERS **39.99**

PUBLISHER
EASY TO USE PAGE LAYOUT PACKAGE . PROFESSIONAL DESKTOP PUBLISHING NO12/EDR/HDR ...**22.99**

WORDWORTH V1.2 SPECIAL EDITION
PROFESSIONAL MULTI FUNCTION WYSIWYG WORD PROCESSOR ...**14.99**

CD32 SOFTWARE

17 BIT COLLECTION 2 CD's
MASSIVE 2 CD SET OF GAMES, DEMOS, MUSIC AND GRAPHICS ...**31.99**

17 BIT CONTINUATION
HUGE FOLLOW UP COLLECTION TO 17 BIT COLLECTION ...**19.99**

AKIRA ...19.99
ALIEN BREED - TOWER ASSAULT ...20.99
ALIEN BREED 3D ...22.49
ANDRE AGASSI TENNIS ...20.99
ARCADE POOL ...10.99
BATTLECHESS ...18.99
BRUTAL FOOTBALL ...16.99
BUBBLE AND SQUEAK ...15.99
CANNON FODDER ...12.99

CDPD VOLUME 1
FRED FISH DISKS 1-660 AND LOTS OF PD/SHAREWARE ...**19.99**

CDPD VOLUME 2
FRED FISH DISKS 661-760 PLUS SCOPE DISKS 1-220, AB20 ARCHIVES AND LOTS MORE PD/SHAREWARE ...**19.99**

CDPD VOLUME 3
FRED FISH DISKS 761-890 AND LOTS OF GRAPHICS, VISTA PRO DEMO LANDSCAPES AND BOOKS TEXT ...**19.99**

CORE COMPILATION VOL 2
BANSHEE, SKELETON KREW, HEIMDALL 2, UNIVERSE ...**21.99**

CORE COMPILATION VOL 3
BUBBA 'N' STIX, PREMIER, CHUCK ROCK 1 & 2 ...**16.99**

DINOSAURS - AN INSIGHT
INTERACTIVE DOCUMENTARY FEATURING THE WHOLE STORY OF THE DINOSAUR ERA ...**20.99**

DIZZY - THE BIG SIX ...9.49
ELITE 2 (FRONTIER) ...18.99
FEARS ...20.99
FIELDS OF GLORY ...12.99
FINAL OVER - ARCADE CRICKET ...13.49
FURY OF THE FURRIES ...12.99
GLOOM ('DOOM' CLONE) ...20.99
GLOOM 2 • ...20.99
GUARDIAN ...19.99
GUNSHIP 2000 ...12.99
JUNGLE STRIKE ...12.99
KINGPIN ...12.49
LEMMINGS ...6.99
LOST EDEN ...24.99

MAKIN' MUSIK
CREATE QUALITY MUSIC. INCLUDES OVER 1000 SOUNDS, OVER 100 MUSIC MODULES AND MANY CREATION TOOLS (OVERDRIVE CD AND SX-1) ...**19.99**

MEGA RACE ...22.99
MICROCOSM ...14.99

MICROFRENCH CD (8 TO ADULT)
FIRST EVER LANGUAGE COURSE FOR THE CD-32. WITH REAL SPEECH AND GCSE PHRASE BOOK ...**26.99**

MORPH ...2.99

NOW ... GAMES 2
100 PD/SHAREWARE GAMES ...**18.99**

OSCAR & DIGGERS ...3.99
PINBALL FANTASIES ...19.99
PINBALL ILLUSIONS ...19.49
PIRATES GOLD ...14.99
PUSSIES GALORE ...18.99
RISE OF THE ROBOTS ...9.99
ROAD KILL ...12.99
ROBOCOD (JAMES POND 2) ...3.99
SHADOW FIGHTER ...10.99
SIMON THE SORCERER ...14.99
SIMON THE SORCERER 2 ...23.99
SKELETON KREW ...18.99
SOCCER KID ...14.99
SPEEDBALL 2 ...12.99
XS SPBALL 2 - **DEDUCT £5** UNTIL DEC 28
SPERIS LEGACY ...19.99
SUB WAR 2050 ...12.99
SUPER STARDUST ...18.99
SYNDICATE ...23.9
THEME PARK ...22.9
TOP GEAR 2 ...16.9
UFO - ENEMY UNKNOWN ...15.9

ULTIMATE BODY BLOWS
BODY BLOWS & BODY BLOWS GALACTIC ...**9.9**

VITAL LIGHT ...12.9
WORMS ...19.9
ZOOL ...3.9

BOOKS

CANNON FODDER OFFICIAL GUIDE 11.9
COMPLETE IDIOTS GUIDE - NETSCAPE 14.9
COMPLETE IDIOTS GUIDE - INTERNET ...20.4
INDIANA JONES FATE ATLANTIS HINT GUIDE (SPECIAL RESERVE) ...3.9
INSIDE COMPUSERVE 5TH EDITION 23.9
INTERNET FOR DUMMIES ...17.9
SECRET OF MONKEY ISLAND HINT BOOK ...9.9
SECRET OF MONKEY ISLAND 2 HINT BOOK ...9.9
SECRETS OF FRONTIER (ELITE 2) ...9.4
SIMCITY 2000 OFFICIAL HANDBOOK 15.9
THE UK INTERNET BOOK ...19.9
TOTAL! AMIGA BEGINNERS • ...14.9
TOTAL! AMIGA DOS • ...14.9
TOTAL! AMIGA WORKBENCH • ...14.9
UK COMMUNICATIONS - THE COMPLETE GUIDE ...15.9

BLANK DISKS

FROM 7.99 FOR 10

SPECIAL RESERVE BLANK DISKS ARE BRITISH MADE GUARANTEED ERROR FREE. TDK DISKS ARE BRANDED AND BOXED IN TENS. LABELS SUPPLIED

PACK OF 10 SPECIAL RESERVE HD
3.5" HIGH DENSITY DISKS WITH FREE FLIP TOP BOX ...7.9
PACK OF 50 SPECIAL RESERVE HD
3.5" HIGH DENSITY DISKS ...23.9
PACK OF 10 TDK MF-2DD
3.5" DOUBLE DENSITY DISKS ...7.9
PACK OF 50 TDK MF-2DD
3.5" DOUBLE DENSITY DISKS ...22.9
PACK OF 10 TDK MF-2HD
3.5" HIGH DENSITY DISKS ...9.9
PACK OF 50 TDK MF-2HD
3.5" HIGH DENSITY DISKS ...28.9

AMIGA LEADS

(PLEASE STATE "AMIGA" WHEN ORDERING)

ANTI-SURGE 4 WAY TRAILING MULTIPLUG CONNECTS UP TO 4 DEVICES TO 1 OUTLET. PROTECTS AGAINST ELECTRICAL SURGES ...24.9
HIFI AUDIO LEAD AMIGA TO STEREO
1.5 M, 2 X PHONO TO 2 X PHONO ...4.9
JOYSTICK EXTENDER CABLE (3 M) ...7.9
JOYSTICK SPLITTER CABLE
PLUGS 2 JOYSTICKS INTO 1 PORT ...7.9
MONITOR LEAD AMIGA
TO CM8833 MKII OR 1084S MONITOR 9.9
MONITOR LEAD CD32
TO CM8833 MKII OR 1084S MONITOR 9.9
NULL MODEM CABLE
25 PIN, SUITABLE FOR AMIGA OR PC 9.9
PRINTER LEAD AMIGA (1.5 M) ...5.9
PRINTER LEAD AMIGA (5 M) ...9.9
SCART LEAD - AMIGA TO SCART TV 9.9
SCART LEAD - CD32 TO SCART TV ...9.9
TELEPHONE EXTENSION LEAD
BT APPROVED, 15 METRES ...9.9

JOYSTICKS AND MICE



QUICKSHOT 137F PYTHON
WITH AUTOFIRE
9.99

SAITEK MEGAGRIP 2
WITH AUTOFIRE
11.99

TECHNOPLUS SUPER PRO ZIP STICK
MICROSWITCHED WITH AUTOFIRE
9.99

FREEWHEEL STEERING WHEEL
DIGITAL VERSION, IDEAL FOR DRIVING AND FLIGHT SIMS BEST USED WITH FOOT PEDAL
12.99

QUICKJOY FOOTPEDAL
TRANSFERS JOYSTICK FUNCTIONS TO FOOTPEDALS, IDEAL FOR USE WITH FREEWHEEL STEERING WHEEL
12.99

DYNAMICS COMPETITION PRO JOYPAD FOR CD32 AND AMIGA
TURBO AND AUTOFIRE
15.99

EKLIPSE MOUSE FOR AMIGA
290 DPI, 2 BUTTON MICROSWITCHED, FREE MOUSE MAT
11.99

ALFA MEGAMOUSE 400
HIGH QUALITY 400 DPI, 2 MICROSWITCHED BUTTONS
13.99

INTERNAL 2.5" HARD DRIVES



HIGH SPEED DRIVE FOR AMIGA A1200 AND A600 & SX-1, COMPLETE WITH FITTING INSTRUCTIONS AND PRE-INSTALLED SYSTEM SOFTWARE. NOTE OPENING YOUR AMIGA INVALIDATES THE WARRANTY. PLEASE STATE A1200, A600 OR SX-1 ON YOUR ORDER
340 MB 2.5" INTERNAL HARD DRIVE FOR AMIGA ...189.99
510 MB 2.5" INTERNAL HARD DRIVE FOR AMIGA ...269.99

EXTERNAL DISK DRIVE 49.99

880K FORMATTED CAPACITY, LONG REACH CABLE, COLOUR MATCHED DESIGN, HIGH QUALITY DESIGN





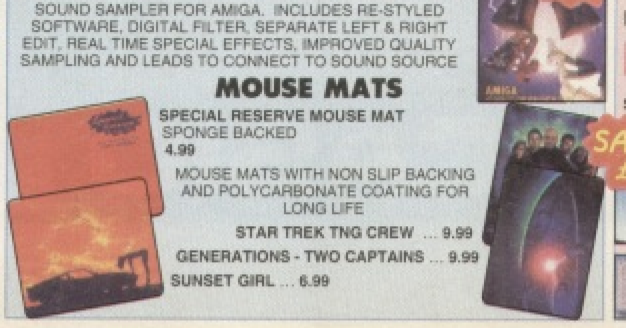
ZYDEC ZYFI PRO 2 STEREO SPEAKERS 47.99

SURPERB HI-FI QUALITY SPEAKERS PERFECT FOR ALL COMPUTERS AND PERSONAL HIFI. 36 WATTS RMS, BASS, TREBLE AND VOLUME CONTROL. POWERED BY MAINS (LEAD SUPPLIED). WITH THUNDERING BASS

TECHNOSOUND TURBO 2 PROFESSIONAL 29.99

SOUND SAMPLER FOR AMIGA. INCLUDES RE-STYLED SOFTWARE, DIGITAL FILTER, SEPARATE LEFT & RIGHT EDIT, REAL TIME SPECIAL EFFECTS, IMPROVED QUALITY SAMPLING AND LEADS TO CONNECT TO SOUND SOURCE

MOUSE MATS



SPECIAL RESERVE MOUSE MAT
SPONGE BACKED
4.99

MOUSE MATS WITH NON SLIP BACKING AND POLYCARBONATE COATING FOR LONG LIFE
STAR TREK TNG CREW ... 9.99
GENERATIONS - TWO CAPTAINS ... 9.99
SUNSET GIRL ... 6.99

RAM UPGRADES

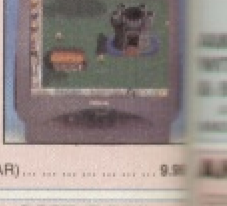


TRAPDOOR RAM EXPANSION FOR A500+, A600 AND A1200
1 MB A500 PLUS RAM WITH CLOCK ...36.9
1 MB A600 RAM WITH CLOCK ...46.9
4 MB RAM BOARD FOR AMIGA A1200 WITH CLOCK ...184.9
4 MB + FPU RAM BOARD FOR AMIGA A1200 WITH CLOCK AND ADDITIONAL FAST 33 MHz FLOATING POINT UNIT FOR MATHS AND GRAPHICS ACCELERATION ...239.9

MONITOR AND STEREO TV



AMIGA M1438 14" MULTISYNC MONITOR 279.9
NEW MONITOR FROM AMIGA TECHNOLOGIES FOR A1200 AND A4000, WITH BUILT IN STEREO SPEAKERS, 0.28 DOT PITCH MPRII LOW RADIATION SIGNAL AND POWER LEADS SUPPLIED



NOKIA 14" SCART TV 159.99
• REMOTE CONTROL • SQUARE TINTED TUBE • HEADPHONE SOCKET • SCART SOCKET
NOKIA 14" NICAM STEREO TV 214.99
AS ABOVE PLUS TELETEXT
NICAM DIGITAL STEREO
AND ADJUSTABLE SOUND DEFLECTORS
SCART LEAD - AMIGA TO SCART TV (NOT GOLDSTAR) ...9.9

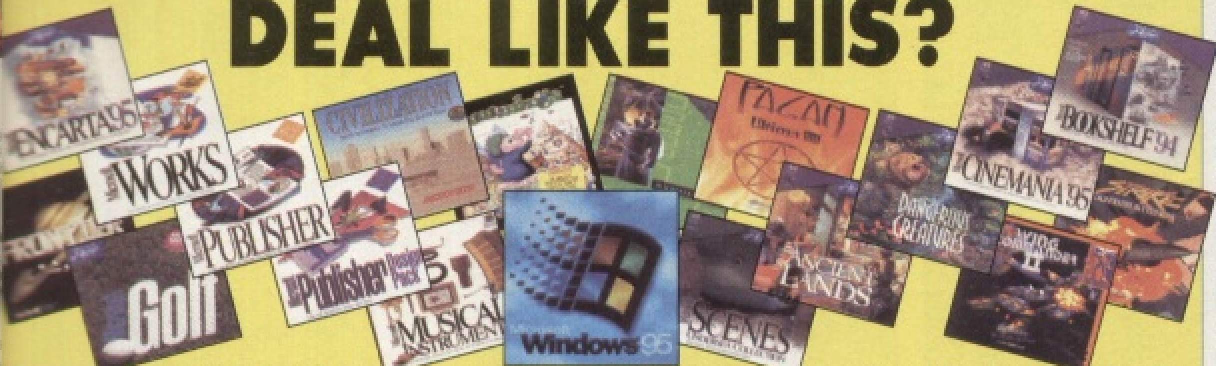
POWER SUPPLY



COMMODORE AMIGA POWER SUPPLY ... 26.9
COMPATIBLE WITH AMIGA A500, A600 AND A1200
23 WATTS STANDARD OUTPUT

ANTISURGE 4 WAY TRAILING MULTIPLUG ... 24.9
SAFLEY CONNECTS 4 DEVICES TO ONE OUTLET AND PROTECTS AGAINST ELECTRICAL SURGES

CAN YOU FIND ANOTHER DEAL LIKE THIS?



REGULAR 48-PAGE COLOUR CLUB MAGAZINE
CHEATS & MOVES
RELEASE SCHEDULE
CHARTS
REVIEWS
HUGE RANGE
ALL GENUINE UK PRODUCTS
HEAVY DISCOUNTS
XS SAVERS
CREDIT TERMS
GREAT PRIZES TO BE WON

10am to 8pm
7 days a week!
01279 600204

Membership Card — Sales: 01279 600204

Special Reserve — The Discount Club

Special Reserve - The Biggest Games Club in the World

Club Shops at
CHELMSFORD, ESSEX
43 Broomfield Road.
Just around the corner from the bus station.
SAWBRIDGEWORTH, HERTS
The Maltings, Station Road.
A few miles from the M11, near the station.
Items bought in the shops carry a 50p surcharge on the Mail Order prices.
Members only but you can order as you join.

PCI DX4/100 QUAD MULTIMEDIA PC

From Only 1046.80+ VAT with 4 MB Ram and everything shown including 1.25 Gig Drive and Windows 95



PCI 486 DX4/100 QUAD MULTIMEDIA PC
- Microsoft Windows 95 operating system
- Samsung 1272 MB (1.25 Gig) super high speed hard drive
- Very attractive mini-tower case
- Powerful 486 DX4/100 MHz processor (more powerful than a Pentium P60)
- 128K cache upgradeable to 256K
- Fast 1 MB PCI 32-bit graphics (upgradeable to 2MB)
- Enhanced IDE controller supports four drives
- 5 drive bays, 4 PCI slots, 4 16-bit ISA slots
- Expandable to 64 MB Ram
- Samsung 14" Syncmaster 0.28 dot pitch SVGA award-winning monitor with tilt and swivel stand
- 102 key keyboard, mouse and mouse mat

2 YEAR ON-SITE WARRANTY

TRUST QUAD MULTIMEDIA PC

MASSIVE 1272 MB SUPER HIGH SPEED HARD DRIVE, (1.25 GIGABYTE) WITH WINDOWS 95, FAST QUAD SPEED CD ROM DRIVE, GENUINE SOUND BLASTER 16 PRO IDE SOUND CARD, MICROPHONE & SPEAKERS, AWARD WINNING SAMSUNG 14" SYNCMASTER MONITOR, ADDITIONAL £500 WORTH OF MICROSOFT CD's, PLUS 8 CLASSIC GAMES AND 2 YEAR ON-SITE WARRANTY

PENTIUM P100 QUAD MULTIMEDIA PC

From Only 1327.65 + VAT with 8 MB Ram and everything shown including 1.25 Gig Drive and Windows 95



PENTIUM P100 QUAD MULTIMEDIA PC
- Microsoft Windows 95 operating system
- Samsung 1272 MB (1.25 Gig) super high speed hard drive
- Large sculpted midi-tower case
- Intel Pentium P100 MHz processor (or optional Pentium P120 MHz CPU)
- 256K cache upgradeable to 1MB
- Fast 1 MB PCI 32-bit graphics (upgradeable to 2MB)
- Enhanced IDE controller supports four drives
- 6 drive bays, 4 PCI slots, 4 16-bit ISA slots
- Expandable to 128 MB Ram
- Samsung 14" Syncmaster 0.28 dot pitch SVGA award-winning monitor with tilt and swivel stand
- 102 key keyboard, mouse and mouse mat

2 YEAR ON-SITE WARRANTY

FITTED CREATIVE LABS QUAD MULTIMEDIA KIT INCLUDES

Latest Creative Labs QUAD speed CD ROM drive (also plays music CD's), Creative Labs Sound Blaster 16 PRO IDE ASP sound card with Advanced digital Signal Processing, Creative Labs active/passive stereo speakers, MC 1000 desk microphone, extensive utility software including Voice Recognition, Text to Speech, Ensemble Hi-Fi, Wave Studio and Talking Scheduler, plus a CD library of 1000 Creative images, sounds and effects.

AT SPECIAL RESERVE WE ALWAYS GIVE YOU THE BEST DEAL

Each Special Reserve Quad Multimedia PC has everything you need for the home and small office, even a two year on-site warranty for peace of mind. We don't cut costs by including cheap fuzzy screens or cheaper alternative operating systems. We build your machine to run fast, by using the best price/performance CPU's and adding cache RAM. We fit only Quad speed CD ROM drives and super high speed 1272 MB hard drives. We enhance your sound and improve games compatibility by fitting genuine Sound Blaster sound cards of the highest 16-bit specification. And we include an amazing array of CD software as the foundation of your software library.

FREE 2 YEAR ON-SITE WARRANTY AND FREE FAST DELIVERY TO MOST UK MAINLAND ADDRESSES
WARRANTY DOES NOT COVER SOFTWARE - FULL DETAILS ON REQUEST. ALL OFFERS SUBJECT TO STOCK. PRICES AND SPECIFICATION MAY CHANGE.

CHOOSE YOUR CONFIGURATION - WE RECOMMEND 8MB OF RAM OR MORE. 8 MB DX4/100 MACHINES HAVE ONE 8 MB RAM CHIP. 16 MB PENTIUMS HAVE 2 x 8 MB.

QUAD MULTIMEDIA PC - WITH EVERYTHING INCLUDING ALL SOFTWARE SHOWN!	EX VAT	INC VAT
QUAD 4 MB - TRUST QUAD 486 DX4/100 MHz PC + 4 MB RAM, MULTIMEDIA & ALL SOFTWARE	1046.80	1229.99
QUAD 8 MB - TRUST QUAD 486 DX4/100 MHz PC + 8 MB RAM, MULTIMEDIA & ALL SOFTWARE	1131.91	1329.99
QUAD P100 8 MB - TRUST QUAD PENTIUM P100 MHz PC + 8 MB RAM, MULTIMEDIA & ALL SOFTWARE	1327.65	1559.99
QUAD P100 16 MB - TRUST QUAD PENTIUM P100 MHz PC + 16 MB RAM, MULTIMEDIA & ALL SOFTWARE	1506.37	1769.99

FOR QUAD PENTIUM P120 MHz PC PLEASE ADD £60 (INC VAT) TO THE QUAD PENTIUM P100 MHz PC PRICE

CREDIT FACILITIES - PLEASE PHONE SALES ON 01279 600204 AND WE WILL SEND YOU FULL WRITTEN DETAILS
SPECIAL RESERVE IS A LICENCED CREDIT BROKER UNDER THE CONSUMER CREDIT ACT. CHARGE CARD OR PERSONAL LOANS AVAILABLE SUBJECT TO STATUS.

SEGA SATURN 299.99



£299.99 ONLY FROM SPECIAL RESERVE
FREE FAST DELIVERY

WITH VIRTUA FIGHTER AND ONE CONTROLLER
COMPLETE WITH SCART LEAD. STEREO SOUND, PLAYS MUSIC CD's. PHOTO CD COMPATIBLE.

SEGA RF INTERFACE FOR SATURN TO CONNECT TO NON SCART TV ...24.99

BUG	36.99	SEGA RALLY •	PLEASE CALL
CLOCKWORK KNIGHT	32.49	SHINOBI X	32.99
CLOCKWORK KNIGHT 2	31.99	SIM CITY 2000 •	PLEASE CALL
DAYTONA USA	42.99	THEME PARK	36.99
DIGITAL PINBALL	34.99	TILT	32.99
INT'L VICTORY GOAL	35.99	VIRTUA COP •	PLEASE CALL
MORTAL KOMBAT 2	39.99	VIRTUA FIGHTER REMIX	24.99
MYST	38.99	VIRTUA FIGHTER 2	PLEASE CALL
NBA JAM TE	32.99	VIRTUA HYDLIDE	38.99
PANZER DRAGOON	42.99	VIRTUA RACING DELUXE	31.99
PEBBLE BEACH GOLF	35.99	WING ARMS	38.99

SONY PLAYSTATION 289.99



FREE PROGRAMMABLE 8 BUTTON CONTROLLER
FREE FAST DELIVERY

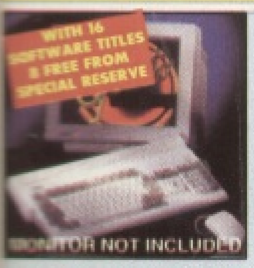
WITH SONY PLAYABLE DEMO CD & CONTROLLER
STEREO SOUND, PLAYS MUSIC CD's. PHOTO CD COMPATIBLE.

PLUS FREE PROGRAMMABLE EIGHT BUTTON CONTROLLER

3D LEMMINGS	37.99	MORTAL KOMBAT 3	41.99
AIR COMBAT	37.99	NOVASTORM	37.99
BATTLE ARENA TOSHINDEN	37.99	PGA TOUR GOLF	36.99
DESTRUCTION DERBY	39.99	RAPID RELOAD	37.99
DISCWORLD	37.99	RIDGE RACER	39.99
EXTREME SPORTS	37.99	STARBLADE ALPHA	37.99
JUMPING FLASH	37.99	TEKKEN	39.99
KILEAK THE BLOOD	37.99	THEME PARK	36.99
KRAZY IVAN	37.99	WING COMMANDER 3	36.99
LOADED •	39.99	WIPE OUT	39.99

UNLESS STATED ALL PRICES INCLUDE VAT & DELIVERY

AMIGA A1200 MAGIC PACKS



WITH 16 SOFTWARE TITLES & FREE FROM SPECIAL RESERVE
MONITOR NOT INCLUDED

Amiga A1200 computer with powerful 32 bit CPU combined with AGA chipset offering superb graphics and sound capabilities. Built in keyboard, internal disk drive, TV modulator and many industry standard ports to allow connection to monitors, modems, printers, scanners, CD ROM drives, hard drives and much more. Fully multi-tasking Workbench 3.1 operating system and 17 software titles.

WORDWORTH V4, PHOTOGENICS V1.1, DATASTORE V1.1, ORGANISER V1.1, PERSONAL PAINT V6.4, TURBO CALC, WHIZZ AND PINBALL MANIA PLUS FREE FROM SPECIAL RESERVE CHAOS ENGINE, SYNDICATE, PINBALL FANTASIES, NICK FALDO'S GOLF, ELITE 2, BATMAN RETURNS, LEMMINGS 2 AND CIVILISATION AGA

AMIGA A1200 2/0 MAGIC PACK & 8 FREE GAMES ... 399.99
A1200 COMPUTER WITH 2MB RAM, MAGIC PACK SOFTWARE AND 8 FREE GAMES

AMIGA A1200 2/170 SCALA MAGIC PACK WITH 170MB INTERNAL HARD DRIVE & 8 FREE GAMES ... 499.99
A1200 COMPUTER WITH 2MB RAM, 170MB INTERNAL HARD DRIVE, SCALA MM300 MULTIMEDIA SOFTWARE, MAGIC PACK SOFTWARE AND 8 FREE GAMES

AMIGA CD32 CRITICAL ZONE PACK 169.99

CD32 CONSOLE OFFERING GRAPHICS CAPABILITY OF 262,144 COLOURS ON SCREEN FROM A PALETTE OF OVER 16 MILLION, HIGH QUALITY AUDIO WITH THE ABILITY TO PLAY MUSIC CD'S. PACK INCLUDES SEVEN GAMES, LIBERATION, CANNON FODDER, MICROCOSM, ULTIMATE BODY BLOWS, PROJECT X, DIGGERS AND OSCAR ON CD PLUS A 6 BUTTON CONTROL PAD



SAVE £30
WITH 7 GAMES

FAST FAX/MODEMS



- FULLY APPROVED FOR CONNECTION TO BT
- MNP2-5 V42bis, CLASS 1, 2 AND GROUP 3 FAX COMPATIBLE
- FREE 1 MONTH SUBSCRIPTION TO COMPUSERVE
- FREE INTERNET SUBSCRIPTION OFFER
- FREE INDIGO FAX BOX OFFER
- FREE TECHNICAL SUPPORT
- FREE 1 YEAR SUBSCRIPTION OFFER TO .NET
- FREE INTERNET STARTER GUIDE

EXTERNAL 14.4 FAX/MODEM FOR AMIGA WITH TERMITE SOFTWARE & CABLES ... 130.99

EXTERNAL 28.8 FAX/MODEM FOR AMIGA WITH TERMITE SOFTWARE & CABLES ... 229.99

COLOUR PRINTERS



FREE PRINTER LEAD
FREE EXTRA COLOUR RIBBON

CITIZEN ABC COLOUR DOT MATRIX ONLY 144.99
24 PIN, 80 COLUMN, 192 CPS/64 LQ, 2 YEAR WARRANTY, FREE EXTRA COLOUR RIBBON, FREE EASYSTART SOFTWARE, THE EASIEST PRINTER TO USE ON THE MARKET

CANON BJC 4000 COLOUR INKJET ONLY 279.99
64 NOZZLES, 80 COLUMN, 5 FONTS, 8 PPM, 360 DPI BUILT IN SHEET FEEDER (100 SHEETS) "VERY DIFFICULT TO BEAT" - WHAT PC? JAN '95



FREE PRINTER LEAD

MANY MORE ITEMS AVAILABLE FROM MOUSE HOUSES TO PRINTER RIBBONS ALL AT DISCOUNTED PRICES

WE ONLY SUPPLY MEMBERS BUT YOU CAN ORDER AS YOU JOIN

MEMBERSHIP FEES	UK	EC	WORLD
ONE YEAR	£6.00	£8.00	£10.00

Club benefits include regular club magazines, £180 worth of XS Savers (coupons) per year, club competitions and huge discounts across the range. Members are under no obligation to buy. All prices include VAT and carriage to MOST UK mainland addresses.

Overseas orders must be paid by credit card
Hardware items (battery or mains) are only supplied to the UK addresses
Overseas surcharge £2.00 per software item or **25%** on other items

(BLOCK CAPITALS please) KOLA
Name & Address ____________

CU AMIGA

Postcode ____________
If Mac or PC please state DISK or CD ROM
Phone No ____________ Machine ____________
Enter membership number (if applicable) or
NEW MEMBERSHIP FEE (ANNUAL UK 6.00)

item ____________
item ____________
item ____________

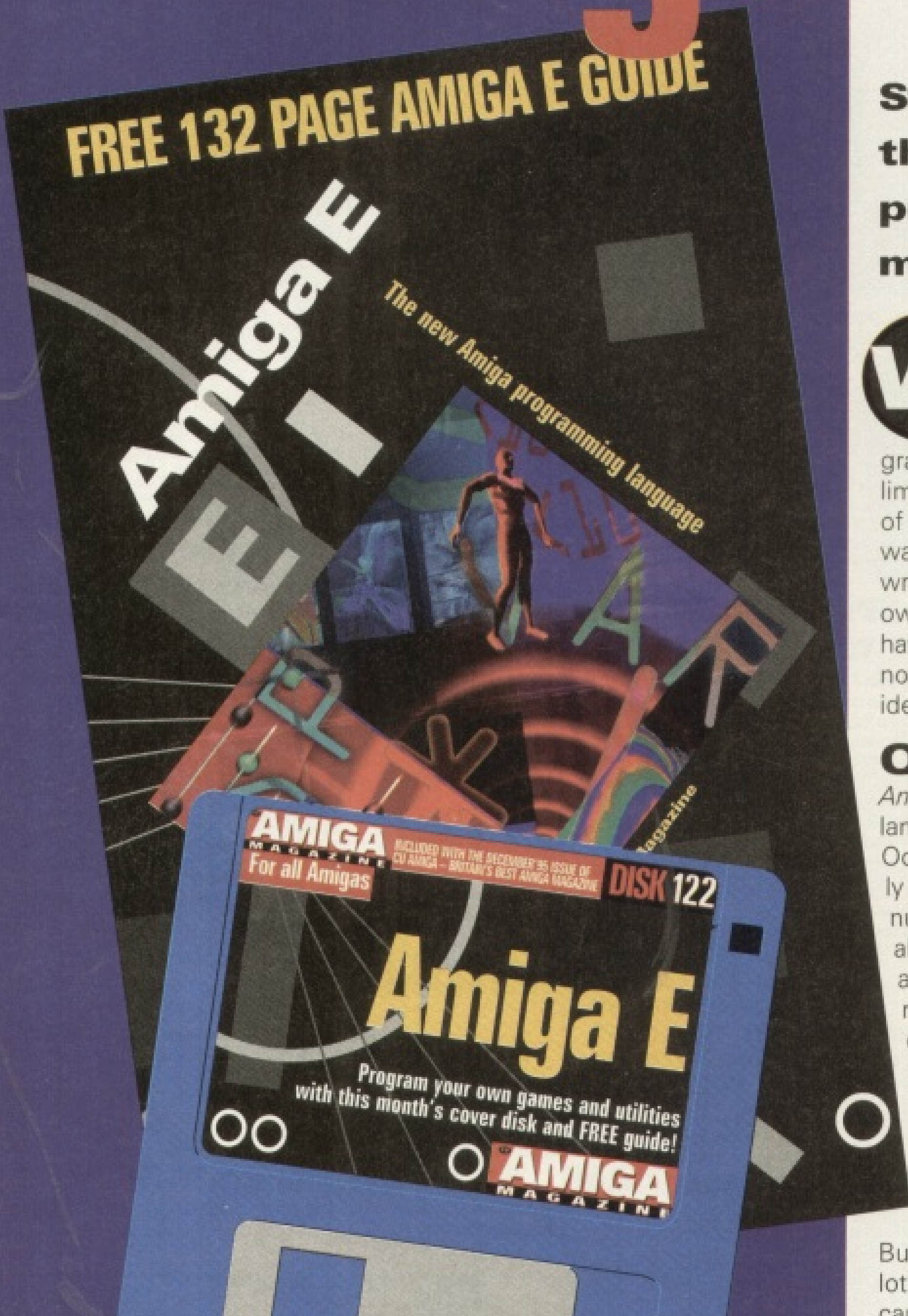
Please use this box to add any **optional** fast delivery charge
1st Class Post 50p per posted item or **£3 hardware**
ALL PRICES INCLUDE UK POSTAGE & VAT £
Cheque/P.O./Access/Mastercard/Switch/Visa

CREDIT CARD EXPIRY DATE ______ SIGNATURE ______ SWITCH (ISSUE NO ______)

Mail Order address. Cheques payable to:
SPECIAL RESERVE
P.O. BOX 847, HARLOW, CM21 9PH
or FAX a credit card order on 01279 726842 - and we'll FAX back.
Inevitably some games listed may not yet be available. Please phone to check availability. Prices may change without prior notification. Sent to press 19.10.95 E. & O.E. SAVE = Saving off full retail price.
Inter-Mediates Ltd, The Maltings, Sawbridgeworth, Herts.

Charge card or personal loan subject to status. Please phone for written details.

DISK 122 Amiga E 3.1i



Key Features

- **Very user friendly**
- **Easy to get to understand**
- **Compiles quickly**
- **Runs fast**

Start programming with Amiga E, the complete professional programming language on this month's cover disks.

What sets the Amiga apart from the consoles is the fact that you can create your own programs and games, so you are not limited to forking out huge wads of cash for someone else's software. You can be the designer, writer and producer of your very own masterpiece. You already have the programming language, now all you need are some good ideas and a bit of dedication!

Quick and easy

Amiga E is a superb programming language by Wouter van Oortmerssen, designed specifically for the Amiga. There are a number of other languages available for the Amiga, but *E* is probably the best for one very good reason: the compiler works extremely quickly! This means you don't have to hang around for ages before you can actually run your programs. Obviously, this has a dramatic effect on the development cycle of a typical program. But it also makes programming a lot more fun, since you can see the effect of small changes to your program much more quickly. Your creativity is not sapped by having to wait for the compiler!

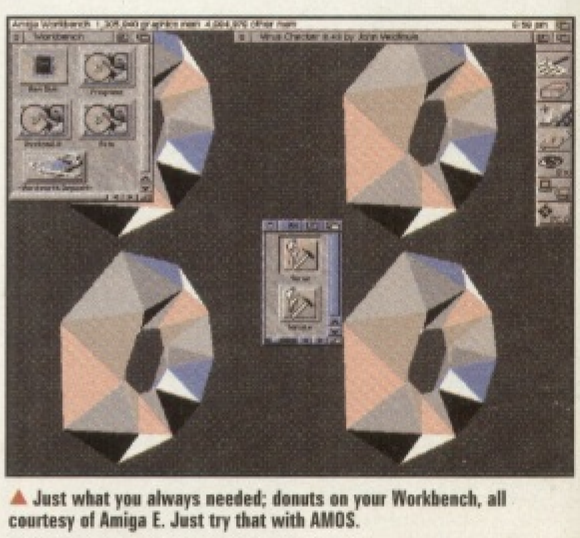
A lot of people already know the benefits of Amiga E, and some of the more notable ones are Paul Nolan (who wrote the amazing *Photogenics* in E) and Chad Randall (author of the icon editor, *Iconian*). From just these two examples it should be clear that *Amiga E* is a real, professional programming language that is more than capable of producing spectacular software. The only limit is your own abilities!

The *Amiga E* v3.1i package on this month's cover disk contains a the full, registered compiler. Unlike the PD demo version, this is not limited in size of the executable programs it can produce, so you can now enjoy the full power of *Amiga E*.

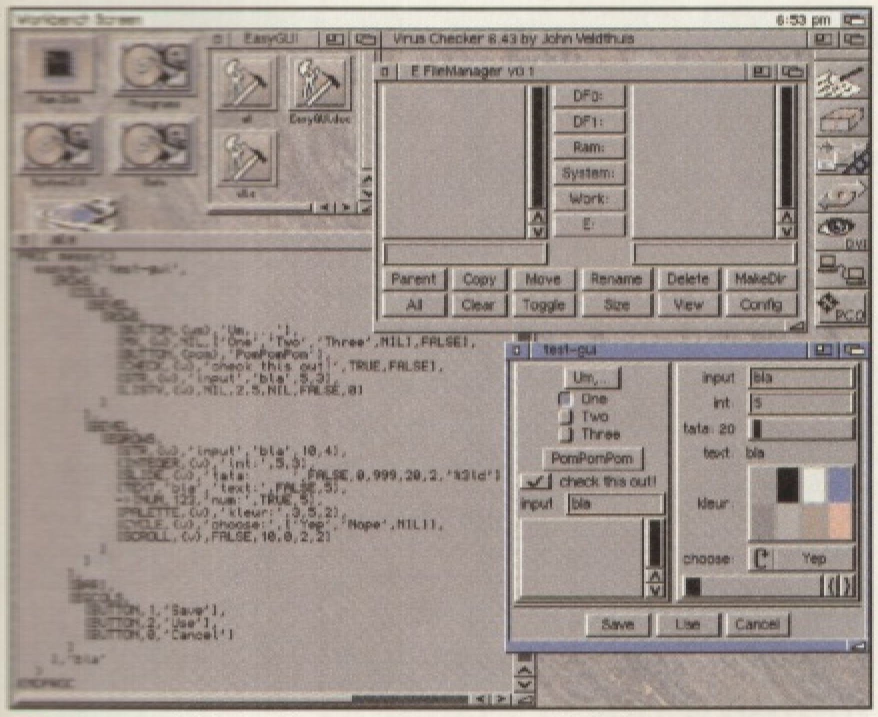
Installation

Amiga E is very easy to use. Once you've unarchived the cover disk onto the three blank disks, all you really need is the main disk, 'Amiga_E_v3.1i', and the modules disk, 'EModules'. The third disk contains a lot of example programs which will help you learn the language. Hard-disk installation is very simple and is described below.

Boot your Amiga from the first disk and double-click on the disk icon to open a window with a



▲ Just what you always needed; donuts on your Workbench, all courtesy of Amiga E. Just try that with AMOS.



▲ Creating your own GUI front end for a program is as easy as pie with Amiga E.

Shell icon. Double-click on this icon to get a Shell. Make sure the modules disk is write-enabled, since we are going to create a program and write it on the disk. If you've not got a hard-disk, but you have two floppy drives then you could put the modules disk in the second drive, where you can leave it. Otherwise you'll need to follow the usual Amiga requests and swop disks a bit.

At the Shell prompt, type:

```
cd Emodules:Src
```

Now we can try compiling a simple program. Enter the following in the Shell:

```
ec HelloWorld.e
```

The E compiler, 'ec', will do its bit and produce the program HelloWorld on the disk. To run the program type the following:

```
HelloWorld
```

All it does is print "Hello World!" back at you, but this is just a simple example – we have to start somewhere! If you have Workbench 2.0 or better then you can try the editor which was designed for use with E. It's called 'EE' and can be found in the 'C' directory on the main disk. This great editor by Barry Wills is another good example of what you can do with E. Read the documentation in 'Tools/EE/Docs' on the main disk for more details.

Hard disk

It is very easy to set up *Amiga E* to run from hard disk. All you need is the compiler, 'ec', on your path and an assignment of 'EModules:' to the location of the modules. For example, the following description shows how to install *Amiga E* to a directory 'AmigaE' on the hard disk 'dh1:'.

Using Workbench, the Shell or your favourite file manager program, create the directory 'dh1:AmigaE'. For example, using the Shell type:

```
Makedir dh1:AmigaE
```

Copy the contents of the 'Amiga_E_v3.1i' and 'Amiga_E_v3.1i_extras' disks to this directory. The 'C' directory is usually called 'Bin' on a hard disk installation so you might want to rename it.

```
Copy Amiga_E_v3.1i:#?
dh1:AmigaE all Rename
dh1:AmigaE/C
dh1:AmigaE/bin Copy
Amiga_E_v3.1i_extras:#?
dh1:AmigaE all
```

Now create a sub-directory called 'Modules' in 'dh1:AmigaE' and copy the contents of the 'EModules' disk there. You might then want to move the 'Src' directory up to 'dh1:AmigaE'.

```
Makedir
dh1:AmigaE/Modules Copy
EModules:#?
dh1:AmigaE/Modules all
Rename
dh1:AmigaE/Modules/Src
dh1:AmigaE
```

Add the following few lines to your 's:user-startup' or 's:startup-sequence':

```
Assign EModules:
dh1:AmigaE/Modules Path
dh1:AmigaE/Bin add
```

Now reboot your Amiga for the assignment to take effect and try compiling the simple example:

```
cd dh1:AmigaE/Src ec
HelloWorld.e HelloWorld
```

Learning E

On the cover of this issue is a beginners guide which should help you learn the fundamental aspects of *Amiga E*. The more advanced features are explained in the E Reference Manual, which is the AmigaGuide file 'E.guide' in the 'Docs' directory on the main disk. This was written by the author of *Amiga E*, Wouter van Oortmerssen, so should be considered authoritative.

The programs in the 'Src' directory on the modules disk and in 'Src2' on the extras disk are good tutorial examples. Some of them show how to use the various utility modules that come in the *Amiga E* package. The 'RKRMSrc' directory on the extras disk contains translations of the examples in the Rom Kernel Reference Manual (which is the official guide to programming the Amiga, and is available in four volumes: Libraries, Devices, Includes and Autodocs, and Hardware).

Here's some I made earlier

The two screenshots on these pages show two of the example programs. The first of these was written by Michael Zucchi and is a made up of spinning donuts as a Workbench backdrop (using hardly any CPU!). This is 'torus.e' in the directory 'Src2/FilledVector/examples' on the extras disk.

The other example (written by Wouter) shows how easy it is to create a font-sensitive, resizable Graphical User Interface (GUI) in E, if you use the 'EasyGUI' module. The example is 'all.e' in the 'Src2/EasyGui' directory. Another 'EasyGUI' example is a fully-working file requester which also shows how to use Amiga system functions to interrogate disks and volumes. This is 'myreq.e' in the 'Src2/EasyGUI/freq' directory.

'ShowHunk.e' in the 'Src2/Utils' directory is one of those essential utilities. It displays the hunk structure of Amiga binary files like executables and libraries, and also incorporates a full disassembler.

If you want to learn things like how to use the Exec messaging system, how to program using BOOPSI (the object-oriented system for GUI creation), or how to create a Commodity, then the place to look is the 'RKRMSrc' directory. The examples are, respectively, 'port1.e' and 'port2.e' in 'RKRMSrc/Exec_Library/Ports', 'talk2boopsi.e' in 'RKRMSrc/Intuition/Boopsi', and 'HotKey.e' in 'RKRMSrc/Commodities'.

More E sources

If you've got access to Aminet (either by the Internet, the Aminet CDs or a decent PD House) then you want to look in the 'dev/e' directory for E-specific stuff. Recently, part two of the RKRM translations has been uploaded as 'JRH-RKRM-2.lzh'. There's also a small GUI called 'EConomic' to help compile E programs from an *ARexx*-friendly editor (the archive is 'ECo092b.lha'). Two huge compilations of modules and programs are 'capus.lha' and 'capus2.lha', and if you speak German there's the EPD series of disks ('epd12.lha' through to 'epd21.lha').

For the Internet-connected there's a mailing list run by Norman Kraft. To join, send a message with 'HELP' in the body to 'amigae-request@bkhouse.cts.com'. You'll get a message back telling you how to subscribe.

Upgrades

The *Amiga E* compiler on this month's cover disk is different from the full, registered version in only one respect: this version cannot be upgraded for free. Upgrade patches are available on Aminet as they are created, but you must register v3.1i before you can use them. Once you have registered, all updates will be free. You can register by sending your money to Jason Hulanc (Dept E), Formal Systems (UK) Ltd, 3 Alfred Street, Oxford OX1 4EH. Price: £26 via disc or £23 via E-Mail.

Go and play

Amiga E gives you the power to make your Amiga do exactly what you want it to. Programming your Amiga is something which can be very rewarding, and if you're particularly good you could even earn some money. But don't let this put you off!

Watch for the tutorials on this excellent package which will be starting from next month. ■

EMERALD
Creative Technology

Amiga Hardware

Disk Drives

A500 Internal Floppy Drive £35.95
A600 & A1200 Internal Floppy Drive £38.95
2.5" 340Mb Internal IDE Hard drive for A1200 and A600 .... £174.95
2.5" 510Mb Internal IDE Hard drive for A1200 and A600 .... £249.95
2.5" IDE Cable £8.95
All Hard Drives Come With Installation Software

Ram Cards

A500 with 0.5Mb £14.95
A500+ with 1Mb £19.95
A600 with 1Mb £24.95
A600 with 1Mb & clock £32.95
A1200 unpopulated £59.95
A1200 with 2Mb £129.95
A1200 with 4Mb £179.95
A1200 with 8Mb £299.95

Video

Squirrel SCSI interface £59.95
Pro Grab 24RT+ SVHS £125.95
Rendale 8802 Genlock £159.95
Rendale 9402 SVHS £279.95
Vidi Amiga 12 AGA £64.95
Vidi 24 RT £144.95
Vidi 24 Pro RT £209.95

Modems

X-Link 14.4k Fax & Data Modem £129.95
X-Link 28.8k Fax & Data Modem £232.95
X-Link 14.4k Modem with GP Fax £169.95
X-Link 28.8k Modem with GP Fax £272.95
All Modems Are BT Approved

Other

Tabby Graphics Tablet £57.95

NOW WITH FREE CHAOS ENGINE CD !



Quad Speed CD Rom Drives at a new lower price !
Our high quality, high spec, external multi session SCSI drives come with audio in and out ports, Squirrel SCSI interface, software and CD32 emulation, and a 12 months warranty.
Quad Speed CD Drive £269.95

CD Roms

Amiga Tool Set CD £39.95
Amiga Tools 2 CD £29.95
Arcade Classics CD £9.95
Aminet 1-4 4 CD pack £24.95
Aminet 7 CD **New** £14.95
Aminet 6 CD £14.95
Da Capo CD £27.95
Desktop Video CD £13.95
Essential Utilities vol 1 CD £8.95
Fresh Fonts 1 CD £19.95
Fresh Fonts 2 CD £19.95
Frozen Fish CD £29.95
Gateway vol 1 CD £9.95
Giga Graphics CD 4 pack £38.95
Goldfish 1 CD £29.95
Goldfish 2 CD £29.95
Grolier Encyclopedia CD £28.95
GFX Sensation CD £18.95
Light Rom 1 CD £42.95
Light Rom 2 CD £42.95
Lightworks by Tobias Richter CD £29.95
Meeting Pearls CD £9.95
Makin' Music CD **New** £24.95
Multimedia Toolkit CD £27.95
Speccy Sensation 2 CD **New** £18.95
Star Trek Multimedia CD £26.95
Ten on Ten CD **New** £39.95
World of Clipart Double CD £16.95

CD32 Special Offers

Chaos Engine CD £7.95
Fire & Ice CD £9.95
Sensible Soccer CD £9.95
Gamers Delight CD £14.95

Home & Office

WP & DTP

Final Writer 4 **New Version** £69.95
Final Copy 2 .... £47.95
Mini Office £37.95
Pen Pal £29.00
Wordworth 3.1SE £44.95
Wordworth 3.1 .... £79.95

Databases

Digita Datastore £45.95
Digita Organiser £39.95
Final Data £39.95
GB Route Plus £31.95
Mailshot Plus £35.95
Music Librarian £22.95
Powerbase £16.95
Plants For All Seasons £22.95
Twist 2 .... £89.95

Spreadsheets

Final Calc £95.95
Turbocalc 2 .... £49.95

Finance

Cashbook Combo £59.99
Counting House £49.95
Digita Home Office £39.95
Money Matters £34.99
Personal Finance Manager + ... £19.95
System 3E £49.99

Special Offer...
Purchase Powerbase & Turbocalc II together for just £59.95 !

Desktop Music & Video

Video Titling

Big Alternative Scroller 2 .... £49.95
Scala HT100 .... £49.95
Scala MM211 .... £94.95
Scala MM400 .... £249.95
Scala Echo EE100 .... £139.95
Scala MM400+EE100 **Save £40 !** £349.95

Samplers

Aura 12 bit Sampler £79.95
Megalosound Sampler £23.95
Technosound Turbo 2 Pro **New** £25.95

Sequencers

Bars&Pipes Pro v2.5 .... £199.95
B&P Upgrade - v2 to v2.5 .... £79.95
B&P Upgrade - coverdisk to v2.5 .... £149.95
B&P Internal Sounds Kit £24.99
B&P Peformance Tools Kit £29.99
B&P Power Tools Kit £29.99
Music X 2 .... £49.95
PatchMeister Patch Librarian £79.95
SuperJAM! 1.1+ £59.95

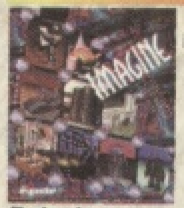
Hardware

Pro Midi Interface £19.95
SyncPro SMPTE Box £151.95
Triple Play Plus 48 channel MIDI £159.95
Little Gem Micro Mixer **New** £66.95



The new Little Gem Micro Mixer ! This 2 channel, stereo mixer features independent Hi and Lo EQ, panning, and volume for each channel. Because Little Gem will greatly enhance all your sound input and output - samples, Mod files, even games - it's ideal for video and music, and it's only £66.95 !

Graphics



Imagine 3
Rolling Upgrade program
Includes Imagine 3.1 to 4 !
You must have Imagine 3 to qualify.
3.1 - 3.3 in stock now.
£99.95

Painting

Brilliance 2 .... £45.95
DPaint 5 .... £59.95
Personal Paint 6.3 **New Version** £49.95
Photogenics £49.95
Pro Vector 3 **New** £174.95
TV Paint 3 .... £329.95

3D & Rendering

Essence vol 1 + Forge £79.95
Essence vol 2 + Forge £79.95
Imagine 3.0 .... £99.95
Makepath for Vista £9.95
Pixel 3D Pro II £94.95
Real 3D v3 .... £319.95
Real 3D 2.4 to 3 upgrade £166.95
Terraform for Vista .... £9.
Vista Pro 3.0 .... £27.
Vista Lite .... £24.

Image Processing

Art Department Professional v2.5 .... £139.
DataChrome **New** .... £29.
Epson GT6500 Scanner Software .... £89.
Image FX 2 (AF 95% !!!) .... £189.
Morph Plus .... £89.

CAD

X-CAD 2000 .... £22.
X-CAD 2000 AEC **New** .... £49.
Includes Architectural Symbol Libraries
X-CAD 3000 .... £119.
X-CAD 3000 AEC **New** .... £178.
Includes Architectural Symbol Libraries

VRL Bundle Packs
Vista Pro or Lite ,Distant Suns, Makepath + Terraform now £54.9
Vista Pro or Lite, Makepath + Terraform £35.95

Utilities

Emulators



Ever wanted to run PC software on your Amiga ? Now you can with PC Task 3.1. Emulates a 286 PC so you can even run Windows 3.1 ! A full featured PC Emulator for just £59.95.

PC Task 3.1 .... £59.95
PC Task 2 to 3.1 Upgrade £34.95
PC Task PD to 3.1 Upgrade £44.95
When upgrading PC Task, please enclose your original disks

Software Development

Dice C Compiler £98.95
DevPac 3 .... £51.95
Gamesmith £84.95
Hisoft BASIC 2 .... £54.95
Hisoft Pascal £74.95
Intos .... £25.

Disk Utilities

AmiBack .... £29.
AmiFileSafe User .... £28.
AmiFileSafe Pro .... £68.
CD Write **New** .... £42.
DirWork 2 .... £29.
Directory Opus 5 .... £49.
Disk Expander .... £29.
Gigamem .... £47.
Infonexus 2(Infonexus + Datanexus) **New** £28.
Video Back-up System Phono .... £54.
Video Back-up System Scart .... £57.
XCopy Pro .... £19.

Communications

GP Fax .... £44.
Termite .... £31.

Miscellaneous

Maxxon Magic .... £23.
Studio II Print Manager **New** .... £48.

Books & Videos

Books

A1200 Insider Guide £12.95
A1200 Next Steps £12.95
Amiga Basic - A Dabhand Guide £17.95
Amiga Disks & Drives Insider Guide £12.95
Amiga Total! Workbench **New** £19.95
Amiga Total! Dos **New** £21.95
Amiga Total! Assembler **New** £21.95
Amiga Total! Beginners **New** £19.95
Assembler Insider Guide £13.95
Imagine Hints & Tips £7.95
Mastering Amiga Programming Secrets £19.95
Mastering Amiga Arexx £17.95
Mastering Amiga Printers £17.95
Mastering Amiga Dos 3.0 Reference .... £19.
Mastering Amiga Dos 2 Vol2 .... £17.
Mastering Amiga Dos Scripts .... £19.
Secrets of Frontier Elite .... £8.
Secrets of Sim City 2000 .... £9.
UK Comms .... £19.
Workbench 3 A-Z Insider Guide .... £13.

Book & Video Packs

A1200 Beginner's Pack .... £36.
Workbench 3 Booster Pack .... £36.

Videos

Intro to the A1200 - Tutorial .... £14.
Intro to the A1200 - A Deeper Look .... £14.

Education

ADI GCSE Maths £19.99
ADI GCSE English £19.99
ADI GCSE French £19.99
ADI Junior Reading £15.99
ADI Junior Counting £15.99
Merlin's Maths .... £16.
Paint and Create .... £16.
Spelling Fair .... £16.
Noddy's Playtime .... £16.
Noddy's Big Adventure .... £16.

How To Order

When ordering, please don't forget to include the carriage charges ! Charges within the UK are £3.50 for first class post (which usually arrives the next day). Orders over £100 are sent by registered post at a cost of £4.50. Next-day courier service, within the UK mainland and subject to availability, is £6.00. All hardware is sent by Next Day Courier. Please ask for overseas pricing, and pricing for islands & Scottish Highlands. You can pay by :

Credit Card : Visa, Mastercard, Access, Delta, Switch and American Express. We only bill your card when we despatch the order, not before.

Cheque : Please make cheques payable to Emer Creative Technology Ltd.

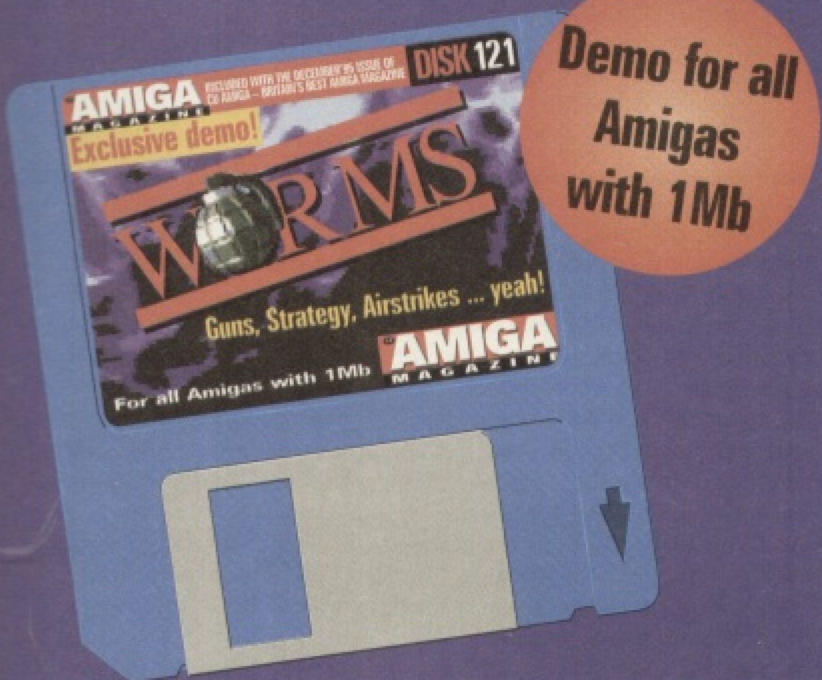
All pricing includes VAT but not carriage. We reserve the righ change prices - you will be informed of any change when you or Faulty goods will be replaced or repaired if returned within 30 of purchase. We will refund if we can't repair the goods. It is responsibility of the customer to check for compatibility of a part lar product with existing equipment before buying.E&OE

Now open Saturday 10am to 4pm & Sunday from 12pm to 4pm

Emerald Creative Technology Ltd
Rapid House, 54 Wandle Bank
London SW19 1DW
Tel : 0181-715 8866 Fax : 0181-715 8877
eMail : EmeraldCT@eWorld.com

Call Our Sales Hotline On
0181-715 8866

DISK 121 Worms



We've been waiting for this one rather a long time. Now it's here so you can test this excellent game out for yourself.

The best game available this Christmas? Turn to page 43 to find out. Then load up this demo and have a go for yourself. It consists of three landscape scenarios: Snow, Forest and a special CU Amiga Magazine level just for you. Each game lasts just five minutes, and although this doesn't sound very much, it will allow you to complete each level.

Total wormage

You will need to uncompress your cover disk onto two separate blank floppy disks. Do this by rebooting your machine, inserting disk 121 and following the on-screen prompts, swopping disks as instructed. For more information on loading your disk turn to page 14.

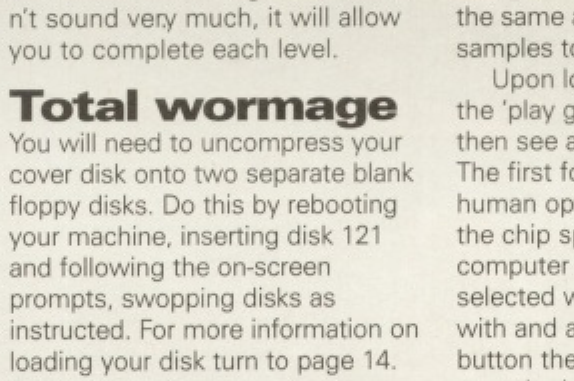
Once you have your two *Worms* demo disks, insert Disk one into the internal drive of your Amiga and reboot it. After a couple of seconds an Ocean logo will appear followed by a Team 17 logo, then it takes about a minute or two to load the demo, depending on which Amiga you have. It's slower on an A500 than it is on an A1200. If the screen goes blank for a while before the loading screen appears don't worry everything should still be all right.

If you have an A1200 you will be asked for Disk two half way through the loading sequence. Disk two holds most of the sound samples for the demo, so you're in for a treat. Unfortunately if you have an A500 or A600 then Disk two is pretty much redundant – your machine will not be able to handle all of the samples. Don't worry though, everything else remains the same and there are enough samples to keep you happy.

Upon loading click straight onto the 'play game' option. You will then see a player select screen. The first four teams, 1up-4up, are human options, the last four (with the chip sprite beside them) are computer players. Once you have selected who you want to play with and against, click on the 'next' button then on 'friendly'. This will start the level.

Oh no ...

The computer teams are rated from useless to good, with Oh No! the worst and HRH the best. It's not a good idea to select more than two teams at a time in this demo, if you want to finish a game that is. Because it cuts out after five minutes the more players making moves, the more time is wasted and you'll end up with no result. Thus, two human or one human and one computer player is the ideal mix. You have only 30 seconds to complete your turn once one of your worms has been selected. You will see a little arrow above the currently activated worm. The object of the game is to kill off the other team, so good luck. ■



It's All A Question of Control

You will need your mouse and keyboard to play worms. Your mouse controls the cursor and if you right click you will see a menu selection which appears at the bottom of the screen. Right clicking a second time will bring up a second menu with more items on it. For a full explanation of all of these icons see the review of Worms on page 43. You can select a weapon or object simply by left clicking on the one you desire.

The cursor keys control your worm's movement and the sights you use for aiming his (or her) weapon:

- **Left:** Move your worm left
- **Right:** move your worm right
- **Up:** Move your worm's aiming device up
- **Down:** Move your worm's aiming device down
- **Return:** Your worm jumps in the direction he is facing
- **Space bar:** hold down the space bar to increase the power bar, release it to stop the power bar and fire the weapon. If you're using a blow torch or drill, hit the power bar to start up and hit it again to stop.

If you are using a homing missile, an air strike or the teleporter: first select the weapon, then a red cursor will appear on screen. Place the cursor over wherever you want to teleport or bomb and then right click. This will activate both the teleport and the air strike. To launch a homing missile you have to use the space key to activate the power bar as normal.

Ready, Aim, Fire ...

Items like the grenade are trajectory weapons. You have to aim into the air at an angle and use the power bar to judge the distance the bomb will be lobbed.

cover disks

How to load...



Amiga E

Your Amiga E cover disk contains compressed archives for three separate Amiga E system disks. Before you can use Amiga E, these archives must be expanded onto three new disks. These disks do not need to be formatted. Follow these steps to expand your disks.

1. Insert the Amiga E cover disk into the internal floppy drive and reset your Amiga. Alternatively insert the cover disk after booting your system, double click on the disk icon and then double click the CUMenu icon.

2. If you want to check for write errors during disk expansion, click the gadget marked 'Don't Verify Expand' so that it reads 'Verify Expand'. This is not essential and will slow down the expansion process slightly.

3. You can expand your disks to an external floppy disk drive if you have one connected. To change the expand device, click on the 'Expand to DF0:' gadget.

4. To expand the first of the three disks, click on the disk image marked 'Amiga E v3.1i' or press F1.

5. You will be prompted to insert a blank disk once the archive has been loaded. Do so and press Return to continue.

6. You will be asked to insert disk CU_121. Do not insert the Worms disk, but instead insert the Amiga E cover disk, which has mistakenly been named CU_121 rather than CU_122.

7. Repeat steps 4, 5 and 6, clicking on the remaining two disk images in turn and inserting another two blank disks accordingly.

8. You will now have your three Amiga E system disks. Label them according to their names on the expansion menu screen.

9. Boot from your normal Workbench system. Refer to page 10 for general operating instructions and hard drive installation.

Worms

Worms needs to be decompressed onto two separate disks before you can play the game. These do not need to be formatted, but any information contained on them will be overwritten. Write protect your cover disk, insert it into the internal drive and reset the Amiga. Now follow the on-screen prompts, swopping disks as required. When it's all finished, boot your Amiga using the first of the expanded Worms disks. ■



IF YOUR DISK WON'T LOAD

We go to great trouble to ensure that the CU Amiga Magazine cover disks will work on common Amiga models. However, if you do experience problems follow this simple guide. We also vigorously virus check our cover disks on a branded virus checker. If some escape our attention we cannot assume responsibility for it.

1: Remove all unnecessary upgrades and peripherals, such as printers and modems. Some trapdoor expansions can also cause problems.

2: Follow the instructions on this and previous pages exactly.

3: If you still experience problems loading the disk call the DiskXpress helpline on 0451 810 788 between the hours of 10am and 5pm Monday to Friday.

If they advise that the disk is faulty, fill in your details in the form below, and send this form, along with the faulty cover disk and a 28p stamped self addressed envelope to:

CU Amiga Magazine Disk Returns, DiskXpress, Unit 7, Willow Court, Bourton Industrial Park, Bourton-on-the-Water, Gloucestershire GL54 2HQ.

NAME: ....

ADDRESS: ....

TYPE OF AMIGA OWNED: ....

DISK NUMBER: ....

DESCRIBE EXACTLY WHAT HAPPENS WHEN YOU TRY TO LOAD THE DISK:

....

....

VISIT OUR NEW WEB SITE

ttp://www.flevel.co.uk for latest prices & bargains

EW THIS MONTH

ooks - Connect your Amiga

Guide to the internet, Lans & BBS & online Services
Dale L.Larsen - This is by an ex C= member of the Amiga
etworking Group. Well written comprehensive, this is a must
54 pages £11.95.

The Multi-Data Machine gives you a 4X CdRom plus a 650M removable in one half height drive. The Fourth Level software includes the advanced tools for removable media which have until now, only been available on the Mo-Miga (FLD`s top of the range 1.3Gb M.O. system). Ami-FileSafe - the new filing system which has taken the Amiga market place by storm - is also included along with with Full CDRom support.

Prices: *Internal SCSI2 £510.00+VAT = £599.25*
Options: *External add £ 45.00+VAT = £ 52.87*
Oktagon Card *add £ 95.00+VAT = £111.62*

rning if you use a hard drive using FFS then if r machine crashes or you reset whilst writing to k then your drive will most likely be invalid.
t protected now with AFS.
our HARD DRIVES are shipped with AFS
LOW Prices
ne for details - SCSI, IDE all types available.

NEW AMIGAS with AFS

Play safe. Dealers can supply AFS as standard.
Get full safety & enhanced performance from your new amiga. Choose a dealer who can supply your new A1200 & A4000 with AFS as standard.
***REMEMBER THE MOTTO* - NO AFS!! - NO DEAL!!**
Dealers & Distributors- call
0117 955 8225 for OEM details

nvoy £45.00 incl VAT

iga Envoy is the standard Amiga peer-to-peer working software developed by Commodore`s iga Networking Group.
ol" -
e Haynie, Ex C= Senior Hardware Engineer
are Sole European Distributors

And NOW ZIP Drives shipped with AFS

100M Removable SCSI External
&
£175 inc vat with AFS User
Remember NO AFS!! No Deal
All Amiga SCSI2 Cards & Squirrel OK

Fourth Level Removable Media Networking Tools included

mmodore Death Bed Video £ 14.00 Inc Vat

the master -- Dave Haynie
lliant personal video shot by Dave Haynie. Over hours of recollections, stories & action by C= people. This is a video you must not miss.
The Christmas present for every Amiga fan !!

nother Fourth Level BrandedProduct:

ISKSALV 3 +upgrade entitlement to AFS (Now in Beta full release Nov-ec'95) includes FFS bug fixes & pport for AFS £45.00 inc VAT
his enhanced version is a result of the mbined work of FLD & Dave Haynie

he Essentials:
FS User £29.75 Pro £79.75
e the performance Now with Undelete!!
P&P EEC £ 3.50 Other £ 6.50
ice V3 £98.75
P&P EEC £ 5.50 Other £10.00

ftp.flevel.co.uk

A Fourth Level Development

Benchmarks AFS

A3000 030 Oktagon SCSI 2

Test	FFS	AFS	Units
DirScan	409	1780	Files/Sec
CreateFile	227	1073	k/sec
ReadFile	244	1363	k/sec

Seek and write 4bytes (start & end)
x100 53.6 Sec 4.4Sec

Commercial C Compiler for Amiga which has been continuously supported & developed to become the most reliable and user friendly package.
Sole Distributors Europe Africa, Asia (Except France & Germany)
Fully Internet Supported from our server!



Email: sales@flevel.co.uk

Fourth Level Developments Certified Amiga Developers 0117 985 4455 (6 Lines)

Distributors
UK: FLDistribution
Germany: Stefan Ossowskis Schatztruhe
Sweden: Orebro Videoreklam
Italy: Db-Line
South Africa:MLSystems
USA: AIM

A Fourth Level Development

Distributor & Dealer Enquiries +44 (0) 117 955 8225

Access

UK Orders to FLDistribution 31 Ashley Hill Montpelier Bristol BS6 5JA

VISA


DATEL DIRECT
01782 744707
24hr Mail Order Hotline
Access
VISA
SWITCH
buying direct from the manufacturer means both low prices and a service second to none !
FAX 01782 74429
PROFESSIONAL MIDI KEYBOARD & INTERFACE DEAL!
Full size velocity sensitive Midi keyboard PLUS Midi Master professional Midi interface. Total Package!!
ONLY £99.99
KEYBOARD+ MIDIMASTER + FREE MIDI CABLES
MIDI MASTER PROFESSIONAL MIDI INTERFACE
NEW LOW PRICE
FULL FEATURE MIDI INTERFACE
▲ Full specification Midi In, Midi Thru and Three Midi out sockets.
▲ Stylish case to match Amiga colours
▲ Fully Opto Isolated.
▲ Compatible with ALL leading music packages.
MIDI MASTER AVAILABLE SEPERATELY
£19.99
MK-149
FULL MIDI SPECIFICATION!
● 49 Standard size, velocity sensitive keys with 10 velocity curves.
● Supports all assignable Midi controller messages.
● Supports all program numbers numbers & bank change messages.
● Programmable channel pressure & velocity.
● Pitch bend wheel.
● 6 user programmable " Program & Bank Change" memory.
● 805x208x87mm.
● Transpose up to full range of 109 keys.
● Standard MIDI out 5 pin Din.
DIGITIZING TABLET
NOW ONLY £99.99
AS AN ALTERNATIVE TO THE STYLUS INPUT THE GENIUS TABLET ALSO HAS OPTIONAL FOUR BUTTON PUCK.
GENIUS PUCK
GENIUS PUCK
£29.99 For Digitising Tablet
▲ With the Amiga Genitizer Graphic Tablet you can streamline the operation of most graphic or CAD programs.
▲ The Genitizer Graphic Tablet utilises latest technology to offer up to 1000 dpi resolution at the tip of a stylus.
▲ Complete 9"x6" digitizing area plus super accurate stylus combine to enable fast, accurate and easy control.
▲ Works by "mouse emulation" so the Genitizer will work with most packages where mouse input is the usual method-Deluxe Paint, Photon Paint, CAD Packages, etc.
▲ Supplied with template for Deluxe Paint..
▲ This is the input method used on professional systems.
▲ Fast input of drawing by "tracing" is made easy - plus "absolute reference" means you can move around the screen many times faster than by a mouse.
▲ The Genitizer fits in the serial port of your Amiga 500/500+/600 /1200/1500/2000 and "co-exists" with mouse.
▲ Unlike a mouse, the tablet gives absolute co -ordinates so that tracking and menu selections are possible from the tablet face.
FREE PC INSTALLATION PACK
IF YOU BUY A GENIUS TABLET SYSTEM FOR YOUR AMIGA YOU WILL ALSO RECEIVE SOFTWARE AND MANUALS FOR INSTALLATION ON A PC ABSOLUTELY FREE!
MAGNETIC CARD READER
Explore the data hidden on Credit Cards, Debit Cards, Security & Membership Cards etc.
Simply swipe your card and read the contents
Reads tracks 1,2 and 3
Plugs into your Amiga Joystick Port.
MAGNETIC CARD READER
£59.99 Complete system
HIGH RES HANDY SCANNER
FREE PHOTON PAINT
Genius
▲ An easy to handle Scanner featuring 105 mm scanning width & 400 dpi resolution enables you to scan graphics/text into your Amiga 500/500+/600/1200/1500/2000..
▲ Includes hard disk transfer to run under Workbench.
▲ Adjustable switches for brightness/ contrast levels.
▲ Geniscan gives you the ability to scan images, text or graphics & even offers 200 Dpi Dual Scan Mode..
▲ Scan Grey Software included to convert half tone images to true Grey scales. Includes editing, zoom & processing features.
▲ Save images in suitable format for most leading packages including PHOTON PAINT, DELUXE PAINT, etc.
▲ View window and position control panel.
▲ Powerful partner for DTP that allows for cut & paste editing of images etc.
HANDY SCANNER
NOW ONLY
£79.99 With FREE PHOTON PAINT
NEW
GOLIATH
GOLIATH HAS THE POWER
Goliath is a direct power supply replacement with a difference! If you have an Amiga with a large hardrive, extra memory, accelerator board or indeed any powerful add-on then a standard Amiga power supply just cannot cope. The Golliath packs more
▲ Fan cooled.
▲ Heavy duty case.
▲ Switch mode electronic system.
▲ Full 200 watt output.
▲ On/Off switch.
▲ 13 Amp uk approved mains lead.
▲ Direct plug-in replacement.
▲ Also available for cd 32.
GOLIATH POWER SUPPLY
£44.99 3 times the power of a standard power supply
AMAZING 200 WATTS OUTPUT!
THE ANSWER TO ALL YOUR DISK BACKUP PROBLEMS
SYNCRO EXPRESS is a sophisticated hardware and software package that works by directly controlling your second drive as a slave device ignoring the Amiga's own disk drive controller. This way SYNCRO EXPRESS delivers power to backup programs,when other backup systems fail.
▲ The most powerful disk backup system ever conceived.
▲ Very simple to use requires no user interface.
▲ Powerful "SYNCRO MODE" actually synchronises your drives to achieve even greater backup power!
▲ Menu driven selection of start/end track. Upto 85 tracks.
▲ Totally "transparent" hardware switches out automatically when not in use.
SYNCRO EXPRESS
£34.99 For A500/600/1200
NOW VERSION 5.0
WARNING 1988 COPYRIGHT ACT
It is illegal to make copies, even for your own use, of copyright material, without the given permission of the copyright owner, or the licensee thereof.

PRO ACTION REPLAY

Designed and Manufactured by DATEL ELECTRONICS

FOR THE AMIGA A1200

SPECIAL FX SYSTEM

NOW PLAY YOUR FAVOURITE GAMES TO DESTRUCTION!

ACTION REPLAY GIVES YOU THE POWER TO FREEZE ANY PROGRAM AND TAKE TOTAL CONTROL!

- NEW Save the entire program in memory to disk or even hard disk. The saved program will reload and run from the point where it was frozen. Perfect to transfer disk games to hard drive to load in seconds!! *
- NEW Game trainer feature gives you the power to find cheats within any game. Infinite LIVES, ENERGY, LEVELS etc. Ultimate GAME BUSTING POWER,
- Screen Grabber option lets you freeze and save screen to disk. Pictures saved in IFF format suitable for all leading graphics packages.
- NEW Powerful monitor functions give you all the tools to freeze and hack the program in memory. Full 68020 assembler/disassembler. Breakpoint & trace- single step commands Remember that ACTION REPLAY lets you view the program in it's frozen state- no other toolkit can offer this feature.
- NEW Powerful hardware features custom logic and on-board scratch ram so No AMIGA MEMORY IS USED.
- Works with up to 8 megs of Amiga RAM!
- NEW Very simple to install.. Just plug into A1200 trapdoor.

HARD DISK SUPPORT

A1200 ACTION REPLAY
£59.99 Amiga1200

Very simple to use - Just press the freeze button to take total control of the frozen program in memory.

TRANSFER YOUR DISK PROGRAMS TO HARD DRIVE!

*Works with most games.

DATEL DIRECT

Here at Datel we have been designing exciting computer peripherals for over 10 years.

By dealing direct with the manufacturer you can be sure we offer the latest products at the keenest prices.

Our sales and technical staff will be pleased to advise you and we will deliver your order to your door within days. Why not give us a try.

01782 744707
24hr Mail Order Hotline

ACCESS VISA SWITCH

AMPLIFIED STEREO SPEAKERS

YOUR AMIGA HI-FI STEREO SOUND. WHY PLAY THIS THROUGH A SMALL TV SPEAKER WHEN YOU CAN HAVE FANTASTIC HEAD-BANGINGLY GLORIOUS ARCADE STEREO?

10 WATTS £14.99

Logic 3 MAGNETICALLY SHIELDED

- Blasts out 10 watts of power!
- Clip onto your TV/ Monitor.

50 WATTS £34.99

Logic 3 MAGNETICALLY SHIELDED

8 BIT SOUND SAMPLER

FULL 8 BIT SAMPLING AT A NEW LOW PRICE

- Full 8 Bit Sound Sampling System. For A500/1500/2000/.
- Fits into Printer Port.
- Complete Hardware/Software package including Sound Sampler

8 BIT SOUNDSAMPLER
£19.99 Amiga 500/ 500PLUS Amiga 1500/2000

Competition PRO CD 32 JOYPAD

CD 32 JOYPAD £16.99

- TURBO FIRE
- SLOW MO & AUTOFIRE
- 8 WAY SUPERSWITCH.

AMIGA HYPERPAD

2 BUTTONS EACH WITH SPEED CONTROL

PERFECT FOR REAL ARCADE STYLE GAMES

AUTOFIRE SPEED SELECT

AMIGA HYPERPAD £12.99

INTERNAL MIDI CARD

FULL FEATURE MIDI INTERFACE

- INTERNAL MIDI CARD FOR A2000 &1500
- Full feature Midi Interface - Midi In, Midi Thru and Three Midi outsockets
- Opto Isolated.

INTERNAL MIDI CARD
£19.99 Amiga 2000 &1500

REPLACEMENT DISK DRIVE

- Top quality external 3.5".
- Quiet operation.
- Small footprint slimline design.
- Built-in anti-click feature.
- Daisy chainable via thru port.
- No need for external PSU.

REPLACEMENT DISK DRIVE
£49.99 Direct Plug-in Replacement

3.5"INTERNAL FLOPPY DRIVE

NEW

- Quality Chinon Mechanism .
- Features special eject button.
- Quiet operation.
- Includes mounting pillars.
- Comprehensive instruction manual.

INTERNAL DRIVE
Amiga 500/ 500PLUS £39.99
Amiga 600/ 1200 £49.99

AMIGA VIDEO INTERFACE

This Amiga video interface allows you to output S-VIDEO or COMPOSITE PAL from your Amiga.

- Connects to Amiga monitor port. Thru connector allows standard Monitor to be connected simultaneously
- Separate output gives S-VIDEO or COMPOSITE PAL output (please state which required)
- Ideal for many video applications including titles etc.
- Allows Amiga to be used with any SCART TV if you don't have an Amiga monitor

VIDEO INTERFACE £34.99

ACTION LINE BBS

5 NETWORKED PC's WITH OVER 10 GIGS OF DATA

ACTION LINE is the biggest and best BBS yet! Over 10 GIGS of data. Loads of game cheats, PD, shareware, images,chat, adverts, Large AMIGA only section - Plus much, much more! All speeds to v32 FAST.

INSTANT DOWNLOAD NUMBER
0891 516353 8 lines
No subscription- Just pay for the call*

* 0891 calls cost 38p /min. cheap rate, 49p at all other times

DEALER ORDERS WELCOME

CALL 01782 744707 and we will ship your order same day*

- Please add £2.00 per order.*
- For next day delivery add £5.00
- For export orders we will quote shipping at cost via UPS.

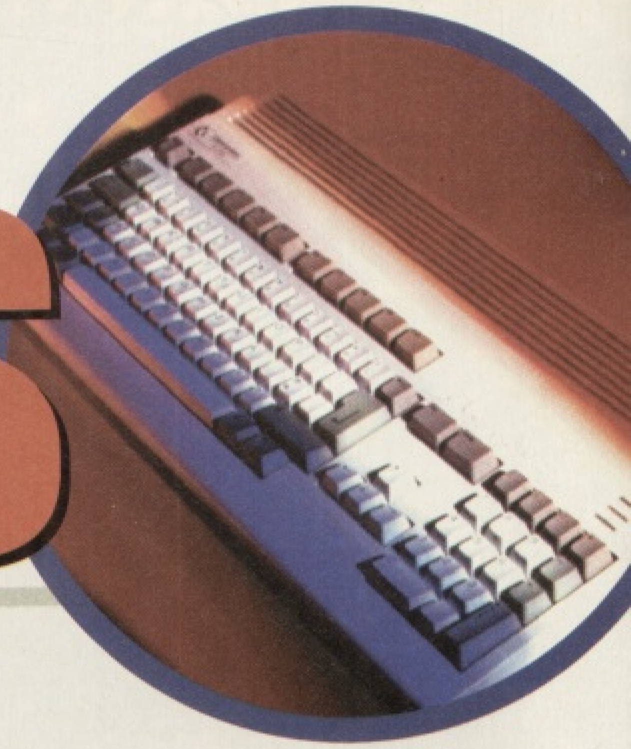
01782 744707
24hr Mail Order Hotline
FAX 01782 744292

* stock items * except where inclusive

DATEL DIRECT

GOVAN ROAD,
FENTON INDUSTRIAL ESTATE,
FENTON, STOKE-ON-TRENT,
ST4 2RS, ENGLAND
01782 744707

News



Silica In Recieversship

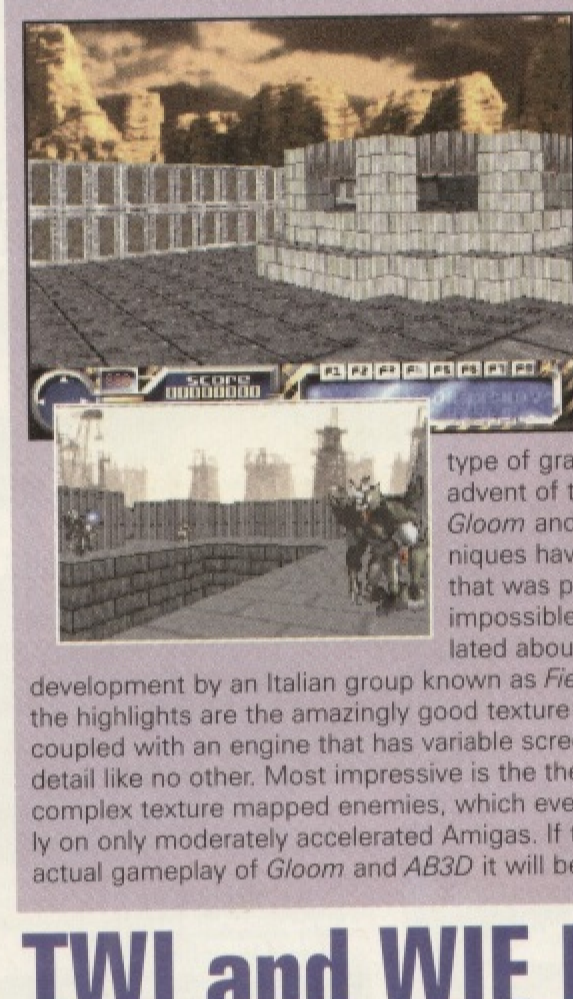
Long time Amiga seller and wholesaler and owners of the Amitek brand of peripherals, Silica, have gone into administrative recieversship. The company, which has been with the Amiga right from the beginning announced the news in mid October, but hopes that the process is temporary. Although the receiver was unavailable for comment, Amiga Technologies remained confident that it was a minor setback for the distributor and that they would be back on the rails after Christmas.

Just four months ago the Amiga's other old distributor ZCL went into liquidation, blaming their misfortune on Commodore, but Silica have done no such thing. An industry insider claimed that "they are just seeking protection from their creditors until cash flow improves. The Summer months have been bad." According to Amiga Technologies the A1200 will continue to be distributed by Silica and anyone with machines on order through them should not worry; the receiver intends to honour all orders. The other Amiga distributor, CentreSoft, remain unaffected and should be able to pick up any shortfall the Silica situation brings about.

Christmas 4000 Accelerator

The A4000/40 50MHz doubler/accelerator, known as the Doubler 4000, has just had a significant price reduction for Christmas, Blittersoft have told us. Previously priced at £399.95, it has been reduced to £299.95. Originally rated at 73% in the October issue of CU Amiga Magazine, summed up with the comment "Reasonable speed boost at perhaps too high a price", this price reduction goes some way to rectifying one of the major criticisms of the accelerator, and should add a few percentage points to this score accordingly. With a Sysinfo MIPS rating of 37.77 and good benchmark results, it looks a very attractive option, so long as the 'overclocking' doesn't lead to heat problems. Also reduced for Christmas is the *Image Vision* multimedia authoring package. Originally £149.95, Blittersoft are reducing this powerful package to £99.95 up until the new year. Look for a review in a forthcoming issue of CU Amiga Magazine.

Breathless



Foolishly someone said that texture mapped *Doom* clones 'couldn't be done' on an Amiga. Ever since that time the PD demo world has been inundated with examples of fluidly texture mapped graphic engines to bring new depths of realism. Technically the Amiga's custom chipset isn't suited to this type of graphics but with the advent of the immensely popular *Gloom* and *AB3D*, these techniques have improved to a level that was previously thought impossible. Rumours have circulated about a new game under development by an Italian group known as *Fields of Vision*. Some of the highlights are the amazingly good texture mapped artwork coupled with an engine that has variable screen sizes, resolution and detail like no other. Most impressive is the the light sourcing and complex texture mapped enemies, which even move around smoothly on only moderately accelerated Amigas. If the game has any of the actual gameplay of *Gloom* and *AB3D* it will be an essential purchase.

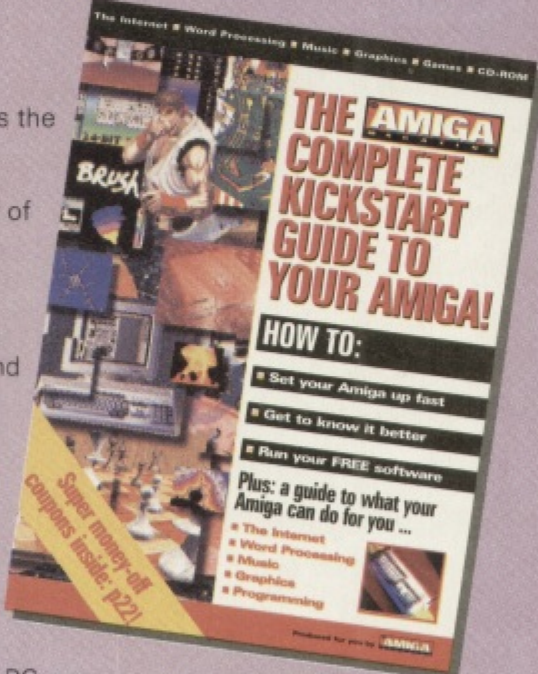
TWI and WIE Merger

Time Warner Interactive Entertainment, who are due to release *Primal Rage* on Amiga around Christmas time and Warner Interactive Entertainment, who now own Renegade and have the rights to *ViroCop*, *Sensible World Of Soccer* and this month's *Flight Of The Amazon Queen* have merged. Both were originally formed out of two separate parts of the gigantic Warner Bros film, music and book publishing empire.

Although their long term plans for the Amiga are uncertain, the merged company is still believed to be publishing *Chaos Engine 2* in the Spring. To contact the Warners phone 0171 391 4300.

Amiga Production hits 15,000





By the time you read this the production of the Amiga Magic 1200 will have topped 15,000, over half of which will have gone on sale here in the UK. We visited the factory in France where it is being made during October and witnessed two production lines running the Amiga alongside PCs and other computer related kit. Don't worry though, you're not likely to get a Pentium chip instead of your Motorola. Solectron, the manufacturers are a multi billion pound company producing components for a wide range of PC, car and other sectors, including Amiga. To add to this good news, your favourite magazine has a special issue going into each UK Amiga Magic pack. Called the Complete Kickstart Guide To Your Amiga it's been written by journalists from CU Amiga Magazine and is the most comprehensive, yet easy to use starting point for all new A1200 users.

Caption Compo

We photographed these towers outside the Solectron Amiga factory in France. There are two subscriptions on offer as prizes for the people who can 1. tell us what they are actually are and 2. provide a 10-20 word caption for the picture. Only one sub is available per person, but by all means answer both questions.

Send all entries marked 'Twin Towers Competition' to the usual address by December 20th.



Another Squirrel Surfs In

Perhaps the Amiga's most serious limitation is its serial port. Unchanged since the original A1000, it's barely capable of keeping up with modern day modems and easily loses data if the CPU is overly taxed. To address this problem, HiSoft have announced the 'Surf Squirrel' which is an updated Squirrel SCSI interface featuring a faster and more efficient SCSI controller chip and a new high speed serial port, priced at £99. Capable of up to 300,000 bps, it would be suitable for networks as well as modem communications with the Internet. Review to follow. For more information, call HiSoft on 01525-718181.

Pleasance Music

Former Commodore boss David Pleasance has set up his own recording studio in partnership with two musicians to produce soundtracks for games, films etc. They will also be recording commercial music, with a band called Passion being their first shot at this. The album will be called Everybody's Girlfriend and is claimed by David to be inspired by the Amiga (Amiga meaning girlfriend in Spanish). The songs are written by David and his partners and the music is being written and complied using an Amiga 4000 with *Bars and Pipes*. For some of the more difficult and complicated bits they have been reduced to using a Mac though. "There was nobody able to help us with *Bars and Pipes* at the level we are using it in this country, so because of time constraints we are using a Mac. But the Amiga remains central to sequencing and recording." The new company is called Tangent Design and they hope to have their first CD out in time for Christmas. More news next month.



World Of Amiga Now For Jan

As reported some months ago Amiga Technologies and Peter Brameld associates (organisers of last Christmas' World Of Amiga show) are in the process of organising another one. Although no venue has yet been set and ticket prices have not been announced it now seems clear than it will be going ahead in January, provided new Amiga sales pick up between now and then. If you want to get more information on this contact a show hotline on 01369 706356.

Investing in AMIGA(TM)

We have the AMIGA A1200 Magic Pack in stock at just £399.99, with the 170MB Hard Drive version costing only £100 more at £499.99

The new AMIGA monitor is also in stock at only £299.99

By the time you read this we should have the new A4000T in stock.Call for details.

We have High Density external floppy drives in stock.

These superb new drives work with any Amiga, and unlike other HD floppy drives do NOT change the Amiga's Operating System in any way. Recommended at just £89.95

We also have expansion RAM and accelerators in stock. Call for prices.

Interested in Video? We have everything you need, from a Genlock at less than £100 up to VLAB-Motion and beyond.

Call for latest news on the Draco system.

We have CD Rom drives, SCSI adapters, large EIDE drives, large & fast SCSI drives, Syquest drives, graphics cards, Mac Emulators, PC Emulators, internal and external Panasonic PD Drives, SCSI towers...

We have most good CD ROM disks in stock. We have a carefully chosen selection of serious software in stock.

In short, if it's for the AMIGA, and it's good, you can buy it from us.

So come and see us or use our Mail Order Service. Either way, the service is second to none.

Please note our NEW address

Brian Fowler Computers Ltd
90 South Street
Exeter
Devon EX1 1EN

Phone us on (01392) 499 755
Fax us on (01392) 493 393
brian_fowler@cix.compulink.co.uk
Compuserve 100072,1536

(We have a lot more planned for the coming months... stay tuned!)

bfcl0034

Brian
Fowler
Computers Ltd

(01392) 499 755

American Express Cards Welcome · Switch · Eurocard · MasterCard · VISA · Access

Hisoft Announce MPEG Squirrel

Back when Commodore were churning out the CD32 in droves, buyers were drooling for the the MPEG cart which would allow you to watch Video CDs. However, Commodore went bust and Escom don't appear to have much interest in the CD32 so MPEG hasn't been widely available on the Amiga. Now though HiSoft have announced a 'Squirrel MPEG'. Not to be confused with the Squirrel SCSI, this unit is a set-top box with a SCSI connector/interface. Attached to some form of monitor or TV and any machine with its own SCSI interface, full motion video can be decompressed from hard drive or memory. In fact a computer isn't needed at all since the unit can be linked directly to a Video CD capable CD-ROM and play MPEG video direct to your TV with the provided remote control.

Of real interest to Amiga users, however, will be the ability to compress rendered animations into MPEG files and then display the results at full speed via the Squirrel MPEG. HiSoft plan to release the Squirrel MPEG before January next year priced between £200 and £300. Call HiSoft on 01525-718181 for more information.

Disk Drive Network

The Canadian based AmiTrix Development have announced a new Amiga networking system call AmigaLink. Bundled with the Envoy 2.0 networking software, AmigaLink doesn't require a Zorro based Amiga as it uses the external floppy disk drive port. This method means that AmigaLink can handle a transfer rate of 450,000 bits per second via Direct Memory Access (DMA) which means CPU usage is far lower than parallel solutions. Capable of networking up to 20 machines it is supplied with AmigaLink 2.0 networking software which is capable of running on OS 1.3 machines. Expect a full review soon.

Also from the AmiTrix stable is a hard drive interface for the A570 and the CDTV known as 'SCSI-TV'. Being a full specification SCSI interface supporting the Rigid Disk Block standard, SCSI direct and auto-booting, SCSI-TV should be of keen interest to owners of those machines. Call AmiTrix Development on +1-403-929-8459 or E-Mail them on sales@AmiTrix.com for further information.

World Construction Set

BlitterSoft announced UK distribution of the *World Construction Set*. A package similar to *Vista* in that it creates very realistic rendered landscapes as seen below. Reviewed in next month's CU Amiga Magazine, the package retails for £119.95. Call BlitterSoft on 01908-261466 for more details.



Charts

There are a couple of surprise re-entries in the charts this month. Whether this has to do with new Amiga owners buying old (but startlingly good) games or not it's difficult to tell but the re-entry on Indy, Monkey Island and Syndicate is good news.

1.	Player Manager 2	Virgin
2.	Sensi World Of Soccer	Virgin
3.	Monkey Island 2	US Gold
4.	Beau Jolly Compilation	Beau Jolly
5.	Indiana Jones and Fate Of Atlantis	US Gold
6.	Formula 1	Domark
7.	Ultimate Soccer Manager	Impressions
8.	PM3 Multi Edit	Gremlin
9.	Sensible Golf	Virgin
10.	Syndicate	EA

The Stateside Column:
By Jason Compton

At last, we have a winner. Service Management Group, the company that provided warranty service to American Amiga owners during some of the Commodore years, has been chosen by Amiga Technologies as the first direct distributor for new machines in North America. In addition, Software Hut, a large North American mail order house, claims they also have been chosen. As Gilles Bourdin, Marketing Director for Amiga Tech informed an impromptu press conference on IRC, SMG's contract was for non-exclusive distribution through the end of 1995.

As this issue goes to print, both SMG and the North American Amiga Technologies office are waiting for the final word on this situation, as both seem to feel that the plans will be more long-term. The only comment on Software Hut's status came from a company representative who categorised the agreement as "verbal." On the heels of this news, orders are already being taken for new Amiga 4000 Towers, the only machines that will be available on this continent before Christmas. SMG has been told by Amiga Tech that Amiga 1200s, built for NTSC standards, will be available in January. All new machines will come with the impressive software pack assembled by Amiga Tech UK's Jonathan Anderson.

Despite not having any new machines for nearly two years (even before Commodore's bankruptcy, obtaining machines in North America, particularly the US, was incredibly difficult for six months before April, 1994), Amiga users went ahead and celebrated their machines with two user-organised shows, bringing users, dealers, and celebrities together in Western and Eastern Canada in July and August, respectively. Encouraged by the success of these smaller shows, Wonder Computers Inc., which consists of a dealer chain, distribution unit and software team, is organising the World of Amiga Toronto show. The event will be held, as is tradition, at the Toronto International Centre, from December 8-10. Amiga users always seem to find something to celebrate. The fears that North America would be ignored by the head management seem to have been allayed somewhat. The Amiga market is never a boring place. There's always someone who's up to something to make life a little easier, a little more interesting, a little more worth cheering about. Here's to their continued success.

Matt Broughton's



Games in view

The new Amigas are finally available but are there any games developers still making products for our beloved machine? You betcha!

As if I need to tell you, one of the most important things to report at the moment is the fact that Amiga 1200s are finally back in the UK after some eighteen months' absence. The only major chain of stores to have supported the Amiga so far is **Tandy**, with 130 of their 341 stores stocking the machine, but we'll just have to wait and see how things go.

Just to prove that it's the quiet ones you have to watch out for, **Alternative Software** have a fine selection of products on their way, headed up by the sequel to the popular **Tracksuit Manager**, imaginatively titled **Tracksuit Manager 2**! (How do they think up these incredible titles?) A release date has yet to be finalised, but hopes are that it'll be out on the shelves before Christmas. There is one version in production at the moment, with the programme being sensitive to CPU capabilities and adjusting itself accordingly but producing machine-specific versions is still a future possibility. TM2 will retail at £25.99.

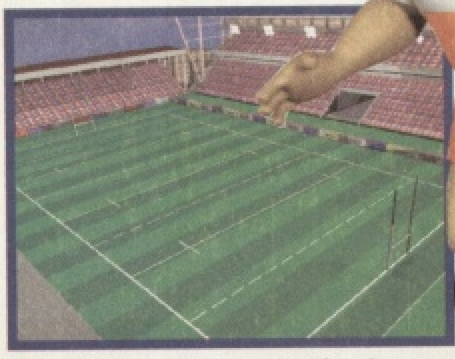
Rage/Traitor is the working title for a new double pack due out in November, rather unsurprisingly containing two games (weren't expecting that were you?) called, wait for it, Rage, and, Traitor. YES! I bet you're wondering how I manage to make these pages so interesting aren't you.

Anyway, Rage sees you as what Alternative Software's Roger Hulley describes as 'a robot chap' flying in an overhead-action kind of way across various weird ancient alien lands. It's a basic shoot 'em up, but according to the man in charge, very atmospheric. Traitor takes the action to a side-on perspective, with an R-Type-ish joystick-melter of a blast. Both of these games are original titles, one of which has been written by Apache, the people who brought you **Death Mask**. The double pack, whatever it ends up being called, should be out in November at £14.99.

Rugby League Boss is another Alternative title to look out for in the future, with a pre-Xmas launch planned. Retailing at £14.99, RLB is a mixture of previous management game styles, with the added element of being able to step in and get involved in more arcade sections such as taking conversions after tries have been scored. Alternative's Roger Hulley is also keen to point out that the decisions you make REALLY DO affect the outcome. Unlike some other games that I can't mention (well, Roger did, I'm just not allowed to print them!)



Hilarious japes aplenty, as **Thomas Tank Engine Pinball** is at last released, featuring four tables, each one themed for a different character. James, Percy, Tilby, and, of course, Thomas, all have their own tables, each one chock-full of features and sub-games. Created by the people behind **Pinball Dream**, **Spider Soft**, this will be available at £16.99 and promises 'immense fun for kids and their parents.' Apparently.



▲ Pro Rugby League: looking good on PC coming to an Amiga near you in '96.



▲ Tracksuit Manager 2: manage your favourite team to the dizzy height s of football greatness.

SPUD, a game previously known as Santa Wars has, sadly, been shelved as far as the Amiga goes, ending up as a PC-CD ROM title. However, **Penguins**, a sort of arcade/puzzle affair, is still due for a November release. Retailing at £14.99, the game promises "a mixture of the best puzzle/arcade games we've seen," according to Mr Hulley.

Future projects also worth mentioning include **Pro Rugby League**, a full sports simulator featuring huge polygon players, along with all the features you could possibly want! PRL will launch in May 1996, just in time for the Super League. It's actually being developed as a PC title to begin with, and once the team start stripping it down for the Amiga, they'll decide whether it'll be A1200 only or whether they can produce other versions. Er... oh yes, there's also a children's' painting programme called **Playdays Paint,** but I doubt you want to know about that.

And finally, for CD32 owners there are a number of projects currently under development from Alternative too, with the most imminent still having no name, but looking to feature a speed boat that attacks aliens. There's also full video footage to look forward to, along with all the usual CD32 trimmings. Oh yeah, and Thomas The Tank Engine Pinball will be available on CD format in November for £19.99. Hurrah! I hear you shout.

Team 17 have had an excellent response to a shareware version of **Worms** that's been made available on the Internet. Apparently, they're currently enjoying some 20,000 visitors a week. I'm not surprised – it's a brilliant game, and I can't wait!!

Following my flogging **Blitz Bombers** to death in The One, those clever guys at **Leading Edge** had a lot of interest, and although quite a few places turned it down due to lack of originality (short-sighted fools that they are!) the guys have decided to join forces with **Guildhall Leisure** (the company responsible for the **Acid** releases). We should see the A1200 version of the game out in the shops in November, and although there's still a little work to do on the CD32 version (mostly music) that should follow on shortly thereafter. At the moment the guys are looking at a PC port, but data disks for the Amiga are a definite possibility (with new levels, etc.) and there's even talk of a sequel to get in all those ideas they didn't have time for. Other projects include a 3D fighting game for the A1200, complete with light-sourced graphics. Oo-er!

And that, my CU chums, is the lot for this month. ■

Matt Broughton

NEW!

AMIGA® A 1200

The UK's favourite home computer is back! Amiga Technologies, a brand new UK company have launched the Amiga 1200 with a stunning array of software in the AMIGA MAGIC pack. And, to make a great pack even better, every Amiga 1200 Magic Pack from Silica (at the advertised price), comes with a FREE Chaos software pack - see below.



MAGIC PACK INCLUDES:

- *Amiga 1200 Computer - 2Mb RAM*
- *3.5" Floppy Disk Drive Built-in*
- *2.5" 170MB HD Option - See Below*
- *Wordsworth v4SE - Word Processor*
- *Digita Datastore v1.1 - Database*
- *Digita Organiser v1.1 - Personal Organiser*
- *Turbo Calc v3.5 - Spreadsheet*
- *Photogenics v1.2SE* - *Paint/Image Processing & Composing*
- *Personal Paint v6.4* - *Paint Package*
- *Workbench v3.1*
- *Whizz - 3D Platform Game*
- *FREE Chaos Pack*
- *Pinball Mania - Pinball Arcade Game*

COLOUR MONITOR UPGRADE
SEE PAGE 2

INCLUDES ALL DISKS & MANUALS
2Mb RAM - NO HD
£399
Inc VAT - AMC 3039

INCLUDES SCALA MM300*
2Mb RAM + 170Mb HD
£499
Inc VAT - AMC 3199

* SCALA DOES NOT INCLUDE DISKS & MANUALS

A1200 SPECIFICATIONS

- *32-Bit 68020EC Processor*
- *AGA Chipset/16.7 Million Colours*
- *2Mb RAM – Built-In Modulator*
- *96 Key Keyb'rd With Numeric Key Pad*
- *PCMCIA Smart Card Slot*

SEE OVERLEAF
FOR 2 PAGES OF AMIGA PERIPHERALS & SOFTWARE

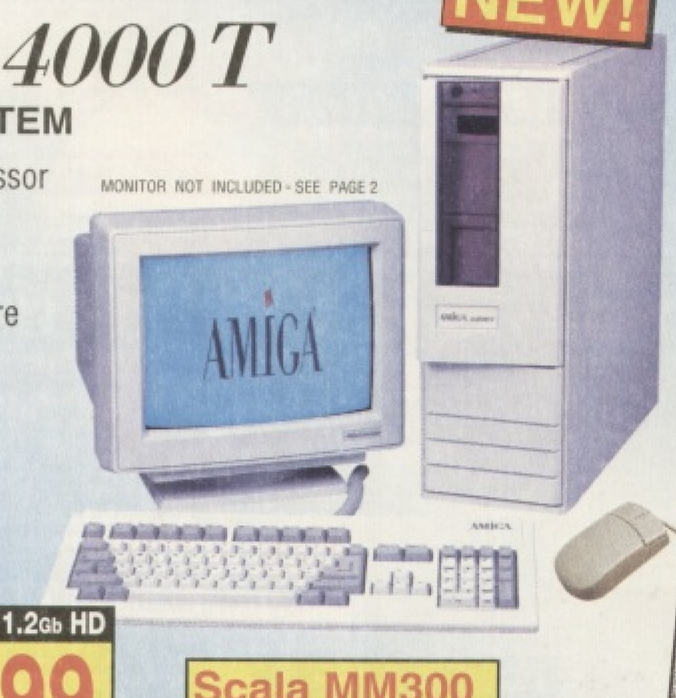
NEW!

AMIGA® A 4000 T

TOWER SYSTEM

- 68040/25Mhz or 68060/50Mhz Processor
- 6Mb RAM - 2Mb Chip, 4Mb Fast
- Workbench v3.1
- Advanced Graphics Architecture 'AGA' Chip Set - 16.7 Million Colour Palette
- 1.2Gb SCSI Hard Drive
- 1.76Mb Floppy Drive
- 2 x 3.5" Drive Bays
- FREE Chaos Pack from Silica

MONITOR NOT INCLUDED - SEE PAGE 2



68040CPU + 1.2Gb HD
£2199
Inc VAT - AMB 5040

68060CPU + 1.2Gb HD
£2499
Inc VAT - AMB 6060
AVAILABLE MID NOVEMBER

Scala MM300
Pre-installed on hard drive
No disks or manuals

FREE! FROM SILICA

CHAOS! SOFTWARE PACK

When you buy your Amiga from Silica, at our advertised prices, we will give you the Chaos pack FREE OF CHARGE. Chaos includes enhanced AGA versions of most titles to take full advantage of the AGA Chipset in your new 1200 or 4000T.

CHAOS ENGINE	£25.99
SYNDICATE	£34.99
PINBALL FANTASIES	£29.99
NICK FALDO'S CHAMPIONSHIP GOLF	£34.99
CHAOS PACK (combined original RRPs):	£125.96

AWARD WINNING PACK



FREE UK DELIVERY
ON ORDERS OVER £40+VAT

SILICA 1978 1995 17 YEARS SERVICE TO YOU

All prices include VAT
VISA ACCESS AMERICAN EXPRESS
E&OE Prices & specifications may change
Return the coupon on pg 5 for the latest details.

MAIL ORDER HOTLINE:
0181-309 1111
22 STORES NATIONWIDE
CREDIT FACILITIES AVAILABLE Subject to status

SILICA

QUALITY AMIGA PERIPHERALS & SOFTWARE

VIDEO AND GRAPHICS

FUSION GENLOCK
FOR ALL AMIGA COMPUTERS



FREE SCALA HT100 HOME VIDEO TITLING PROG WORTH £49 INC VAT

BEST BUY AMIGA SHOPPER 92%

- High quality graphics and video mixing desk
- FREE Scala HT100 program disk
- Add titles and special effects to videos
- Ideal for home and semi-professional users
- Supports all standard Amiga and AGA graphics
- Input and output composite video signals
- Switches between video only, computer only and mixed graphics
- Hardware fade between graphic/video
- RGB thru - saving the genlock from being unplugged when not in use
- Optional chroma key unit available Early '96
- Comprehensive 16-page manual plus full colour sleeve

£99 INC VAT VID 2100

RAM UPGRADES

A500 512K (no clock) £20.00
Takes an A500 from 512K to 1Mb - RAM 0505

A500 512K (inc clock) £25.00
Takes an A500 from 512K to 1Mb - RAM 0510

A500 Plus 1Mb £30.00
Takes an A500 from 1Mb to 2Mb - RAM 0520

A600 1Mb (no clock) £30.00
Takes an A600 from 1Mb to 2Mb - RAM 0605

A600 1Mb (inc clock) £40.00
Takes an A600 from 1Mb to 2Mb - RAM 0610

Hawk 1Mb - No FPU £99.00
8Mb 32-bit RAM board, 1Mb populated and battery backed clock - RAM 1210

Hawk 2Mb - No FPU £129.00
8Mb 32-bit RAM board, 2Mb populated and battery backed clock - RAM 1220

Hawk 4Mb - No FPU £189.00
8Mb 32-bit RAM board, 4Mb populated, and battery backed clock - RAM 1240

Hawk 8Mb - No FPU £329.00
8Mb 32-bit RAM board, 8Mb populated and battery backed clock - RAM 1280

FPU 33MHz For Hawk £59.00
Crystal and FPU for Hawk - UPG 1250

FPU 40MHz For Hawk £99.00
Crystal and FPU for Hawk - UPG 1255

FLOPPY DISK DRIVES

1Mb SONY FLOPPY
3½" DELUXE EXTERNAL FLOPPY DRIVE
FOR ALL AMIGA COMPUTERS



- High quality 3½" Sony mechanism
- Strong metal casing
- Built-in anti-click feature
- Switchable anti-virus mode
- Enable/disable switch
- 75MS access time
- Daisy chainable via thru port
- Low power usage
- External PSU not required

£59 INC VAT DRI 1159

LOADER INTERNAL FLOPPY
3½" 1Mb INTERNAL FLOPPY DRIVE
FOR AMIGA 500/500PLUS OR AMIGA 600/1200



These internal Amitek Loader replacement drives are ideal for users who wish to replace their existing internal drive. The pack features a high quality internal 1Mb, 3½" drive mechanism for the Amiga 500/500PLUS or Amiga 600. All that you need to fit your drive is included, plus easy to follow fitting instructions and 24 months warranty.

£34 INC VAT DRI 3800 **£44** INC VAT DRI 3805

CD-ROM DRIVE & SOFTWARE

OVERDRIVE QUAD SPEED CD-ROM
FOR THE AMIGA 1200

This unit combines a CD-ROM drive with the future in Smart Card Interfaces, the PCMCIA slot. This makes for an incredibly convenient and simple to use CD-ROM drive system opening up a whole new world of CD/multimedia technology.

NEW



- PCMCIA connection
- Quad speed mechanism
- 600K/sec data transfer rate
- PhotoCD compatible
- Multi-session compatible
- Runs most CD³² software

SEE PAGE 3 FOR FULL OVERDRIVE RANGE

£249 INC VAT HAR 3542

Aminet Set 1 .... £24.95
4 gigabytes of software - ACA 0500

Aminet 5 .... £14.95
1.1 gigabytes of software - ACA 0510

Aminet 6 .... £14.95
1.1 gigabytes of software - ACA 0520

Animations Double CD £19.95
Hundreds of animations - ACA 1000

CDBoot 1.0 .... £29.00
Runs CD³² software. CD-ROM required - ACC 1000

Giga Graphics £29.00
10,000 images on 4 CDs - ACG 0500

Light ROM £39.00
650Mb of 3D objects, images etc - ACL 0100

Meeting Pearls Vol. II £9.95
650Mb of the finest PD software - ACM 0500

Terra Sound Library £19.95
7,800 sound files - ACT 0400

The Light Works £39.00
Raytracing objects and textures - ACT 0500

UPD Gold £29.95
Entire PD library on 4 CDs - ACU 6500

Zoom £19.00
Selection of PD classics - ACZ 0500

3D HEADSET

i-glasses!
FOR AMIGA 600/1200
4000 WITH MAMBA MODULATOR



Open your eyes to a whole new reality. Unlike other head-mounted devices, Virtual I.O's i-glasses!™ give you a crystal clear full colour video image - it's like having a personal 2 metre screen with you all the time. What's more, with the hi-fi stereo sound, you'll wonder how you ever settled for less.

£599 INC VAT VID 1610

SCSI INTERFACE

SCSI-2 INTERFACE
SQUIRREL
FOR A600/A1200



Named after the famous storage hungry animal, the Squirrel SCSI-2 interface simply plugs into the PCMCIA slot (avoiding warranty problems) and allows you to connect up to 7 SCSI devices to your Amiga at the same time. This could be any combination of hard drives, SCSI CD-ROM drives, zip drives, PD drives, etc.

£69.95 INC VAT HAR 4000

COLOUR MONITOR

14" COLOUR MONITOR
FOR A1200/A4000/T

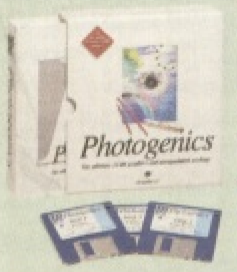


AMIGA M1438S

- Official Amiga Branded Monitor
- 14" .28mm Colour Monitor with Built-in Stereo Speakers
- 15KHz-40KHz
- Digital RGB Analog
- For A1200 & A4000/T
- Power and audio cables

£299 INC VAT MON 5143

IMAGE MANIPULATION
PHOTOGENICS V1.2
FOR A1200/A4000/T



- Manipulate and paint graphics in 24-bit
- Supports popular image formats including JPEG, GIF, IFF, PhotoCD and many more ...
- Multiple image editing
- Real-time HAM8 display
- Open design lets you to add your own loaders, savers or effects

NEW VERSION

£54 INC VAT ASP 3000

IMAGE PROCESSING
IMAGE FX v2.0
FOR ALL AMIGAS



SAVE £100 OFF PREVIOUS RRP

- 24-bit image processing
- Various Realtime painting tools
- Image thumbnails
- Enhanced text handling
- Expanded image composing
- AutoFX
- Image FX browser
- Soft edge & anti-aliasing

£99 INC VAT ASI 2132

SCALA MULTIMEDIA
MM400



- Video titling and presentation package
- Import Deluxe Paint and similar animations
- Professional quality wipes and transitions
- Imports MIDI and standard sound files
- Supports GIFF, PCX, FLC, PhotoCD and many other file formats
- Easy to use storyboard layout

£299 INC VAT ASS 1042

MODULATOR

MAMBA MODULATOR
FOR ALL AMIGAS



The Amitek Mamba External Modulator, makes an ideal replacement modulator for all Amiga owners. Everything needed is supplied. Like all Amitek peripherals, it comes with an easy to follow manual.

£34 INC VAT MOA 4200

POWER SUPPLY

Amitek A500/600/1200 .... £29.00
Beige coloured replacement power supply for A500/600/1200 - POW 0510

SOFTWARE OFFERS

AMI-FILESAFE - USER £29.00
Super fast filing system - ASA 4795

AMI-FILESAFE - PRO £69.00
No restrictions version - ASA 4800

BRILLIANCE V2.0 .... £49.00
Advance paint & animation software - ASB 7912

CANDO V2.5 .... £79.00
Interactive audiovisual authoring - ASC 2200

EDGE 1.7 - PRO £16.95
For text editing - ASE 8200

GB ROUTE PLUS £34.99
Plan trips and journeys in the UK - ASG 3122

FINAL WRITER V4 .... £74.95
Word publisher with graphics & fonts - ASF3802

PEN PAL UK 1.5 .... £36.95
Easy to use word processor - ASP 1942

FINAL COPY II £49.95
Powerful WYSIWYG word processor - ASF 3622

MAXIPLAN 4 .... £19.00
Business software suite - ASM 2012

PEN PAL UK 1.5 .... £36.95
Easy to use word processor - ASP 1942

VISTA PRO 3.0 .... £24.95
Landscape generating package - ASV 8002

AMI-FILESAFE "USER"

- Ami-FileSafe is the new de-facto standard Filing System for your Amiga
- Secure filing system - no more corrupt disks when applications crash when writing to disk!
- Super fast - much faster than FFS
- Instant directory listings
- Parallel access with negligible performance loss
- More efficient use of disk space than FFS/OFS
- Large directories do not decrease performance

£29 INC VAT ASA 4795

SILICA

MAIL ORDER HOTLINE:
0181-309 1111
22 STORES NATIONWIDE
CREDIT FACILITIES AVAILABLE Subject to status

All prices include VAT
VISA Access AMERICAN EXPRESS

E&OE Prices & specifications may change
Return the coupon on page 3 for latest details.

SILICA 1978 1995 17 YEARS SERVICE TO YOU

FREE UK DELIVERY
ON ORDERS OVER £40+VAT
ADMIN CHARGE OF £2.50 + VAT FOR ORDERS UNDER £40 + VAT

PRINTERS

CITIZEN 24-PIN ABC COLOUR DOT MATRIX

- Small and compact with 24-pin print quality
- Works with any PC or Amiga computer
- 5 Built-in fonts, 2 scalable to 40pt
- Built-in 50 sheet auto feeder
- Citizen 'Easystart' software for Windows and Amiga
- Auto set facility
- Resolution: 360 x 360dpi
- Black ribbon
- Colour kit supplied including colour ribbon
- 2 year warranty

£149 INC VAT PRI 2422

CANON BJC4000 COLOUR BUBBLE JET

- Speed: 4 pages per minute - 10cpi at 248cps (high speed) and 173cps (high quality)
- 80 column - A4
- Res: 360 x 360dpi - 720 x 360dpi with smoothing function in mono
- Fonts: 5 typefaces
- Parallel interface
- 64K input buffer, 41K download buffer
- Emulations: LQ2550, X23E, Canon enhanced
- Automatic and manual sheet feeder

£299 INC VAT PRI 1734

LEXMARK EXECJET IIC COLOUR INKJET

- Speeds: B&W: 3ppm draft/ 2ppm LQ Colour from: 2.5 to 7minutes per page
- Res: 600 x 300dpi black and white 300 x 300dpi colour
- 150 sheets A4, up to 15 envelopes
- 12 Built-in Scalable Fonts
- 21KB Buffer Memory
- Parallel interface (Optional serial)
- 3 year return to base warranty

£249 EXC VAT PRI 5676

STUDIO PRO II

PRINTER CONTROLLER

- Print 24-bit graphics
- Workbench drivers for most printers
- Prints pictures from disk using very little memory
- The ONLY professional colour management system on the Amiga

£49 INC VAT ASS 8800

SILICA STOCK A FULL RANGE OF PRINTERS, DRIVES & ACCESSORIES - CALL FOR DETAILS

HD & CD-ROM DRIVES, MICE & J'STICKS

CD-ROM, HARD DRIVES & MODEMS

Seagate ST9240AG 210Mb + GVP Software £129.00
2.5" Internal Drive. Upgrades an Amiga 600 or 1200 to a hard disk model - HAR 0210

Seagate ST92300AG 262Mb + GVP Software £149.00
2.5" Internal Drive. Upgrades an Amiga 600 or 1200 to a hard disk model - HAR 0262

OverDrive Double Speed . £179.00
Allows access to Amiga specific CDs and play CD32 software - HAR 3540

OverDrive Quad Speed £249.00
Allows access to Amiga specific CDs and play CD32 software - HAR 3542
SEE FEATURE ON PAGE 2

OverDrive IDE HD 560Mb ... £249.00
Ultra Fast 560Mb Hard Disk, plugs onto PCMCIA slot - HAR 3544

OverDrive IDE HD 1.2Gb £349.00
Ultra fast 1.2Gb hard disk, plugs onto PCMCIA slot - HAR 3550

Zoom 14.4XE Fax Modem £79.00
External 14,400bps fax/modem, includes Compuserve membership - MOD 9315

Zoom 28.8XE Fax Modem £143.65
External 28,800bps fax/modem, includes Compuserve membership - MOD 9394

MICE & J'STICKS

Logic 3 Speed Mouse £11.95
Switchable for Amiga and ST, 300dpi, ultra-sensitive buttons - MOU 4000

Quickshot Apache QS131 . £6.99
2 fire buttons, 6 foot cable, biogrip for, maximum control, 4 suction cups - JOY 6431

Quickshot Starfighter 1 ..... £8.99
Turbo fire button, 6 foot cable, thumb, control, hands free auto fire - JOY 6467

Zip Stik Super Pro £9.95
Autofire, microswitches, hand held/ table top joystick - JOY 5600

OVERDRIVE HD (IDE) - 560Mb

FOR THE AMIGA 1200

Ultra fast external hard disk. Plugs into PCMCIA slot - interface is twice the speed of the internal one. Can be used along side internal hard drive

- External IDE hard disk for A1200
- Supplied with formatting software
- Can be used along side internal HD

£249 INC VAT HAR 3544

Panasonic PD SYSTEM

READ/WRITE OPTICAL DRIVE

- Quad speed CD-ROM Drive with 600K Data Transfer and 195ms access
- 650Mb re-writable optical disk drive with removable cartridges. Cartridges (DIS 1500) £45.00

ALL-IN-ONE

NEW **£586.33** INC VAT CDR 4300

MEGA MOUSE

FOR ALL AMIGAS

- Ultra high 400dpi resolution with opto-mechanical encoder
- 5 foot cable
- Effortless fingertip operation with reliable micro-switch buttons

£9.95 INC VAT MOU 1875

Mega Mouse 3 Button £14.95
As above mouse with 3 buttons - MOU 1881

AMIGA CD32

CRITICAL ZONE PACK

32-BIT SYSTEM - 7 CD TITLES



OVER 100 CD-ROM TITLES AVAILABLE

INCLUDES CANNON FODDER

PLUS DIGGERS

PLUS LIBERATION

PLUS MICROCOSM

PLUS OSCAR

PLUS PROJECT X

PLUS ULTIMATE BODY BLOWS

CD-ROM BASED POWER CONSOLE

MORE THAN JUST A GAMES CONSOLE

Critical Zone includes the powerful 32-bit CD32 games console with built-in dual speed CD-ROM drive, an 11 button controller and 7 top CD-ROM games. Optional upgrades include keyboard and disk drive (allowing use of 1200 software) and an MPEG video playback card allowing video CDs to be played on the CD32.

- 32-Bit processing power
- Dual speed CD-ROM drive
- 16.8 million colours
- Plays audio & CD+graphics CDs
- 11 button controller
- Titles available from £9.99
- Optional full screen video CD module - CCA 0320 @ £199

OPTIONAL SX1 MODULE

Turns the CD32 into a powerful 32-bit multimedia computer using the SX1 multiport expansion module.

£199 INC VAT - CCA 0100

SX1 CD32 BLACK KEYBOARD £39.00 INC VAT - PKE 0120
PC type keyboard that plugs into SX1

£199 INC VAT CCD 3450

SILICA

MAIL ORDER SALES TEAM

22 STORES NATIONWIDE

18 BRANCHES IN DEBENHAMS

FREE DEMONSTRATIONS AVAILABLE

MAIL ORDER • FREE DELIVERY

0181-309 1111

FREE DELIVERY in UK mainland on orders over £40+VAT. Small admin charge (£2.50+VAT) on orders under £40+VAT.

COMPUTER SHOPPER 1994 Awards WINNER Best Software Delivery Service

COMPUTER SHOPPER 1994 Awards NOMINATION - Best After Sales Service

SILICA 1978 1995 17 YEARS SERVICE TO YOU

THE SILICA SERVICE

Before you decide WHEN to buy, we suggest you consider WHERE to buy and protect your investment with a purchase from Silica. With our unrivalled experience and expertise, we will provide all the extra help, advice and new product information you may need both now and in the future. Buy direct, visit one of our stores, or return the coupon now and begin to experience the "Silica Service".

17 YEARS EXPERIENCE
Silica has been established for over 17 years, longer than most other computer suppliers, and has a proven track record in professional computer sales.

OPEN UNTIL 7PM
Mail order lines are open Mon-Fri 9am to 7pm and Sat 9am to 5.30pm. Call your local store for shop opening times.

HOW TO PAY
We accept most major credit cards, cash, cheque or monthly terms (APR 19.9% - written quotes on request).

CREDIT TERMS AVAILABLE
10% deposit & 12, 24 or 36 monthly payments (APR 19.9%) or 0% interest available on selected products over £1000 - Subject to status - Call for details

WE PRICE MATCH
If before you make your purchase from a Silica store, you see the same goods offered at a lower price by a local competitor, we will match them on a Same Product - Same Price basis. For customers who order by telephone, we will match other mail order companies prices (including their delivery charge). All price matches are subject to our competitor having the goods in stock.

WE OFFER DISCOUNTS
To Business, Education and Government purchasers who place volume orders. Call 0181-308 0888.

WE SUPPORT YOU
Free Technical Helpline - 0181-309 1111 and Free brochures available on request.

MAIL ORDER & HEAD OFFICE: Silica House, Hatherley Road, Sidcup, Kent, DA14 4DX

SILICA IS A DIVISION OF PROOIS PLC

22 STORES NATIONWIDE

BRISTOL	Debenhams - (3rd Floor),	St James Barton	0117-929 1021
* CHELMSFORD	Debenhams - (2nd Floor),	27 High St	01245 355511
CROYDON	Debenhams - (2nd Floor),	11-31 North End	0181-688 4455
GLASGOW	Debenhams - (5th Floor),	97 Argyle St	0141-221 0088
GLOUCESTER	Debenhams - (Lwr Grnd Floor),	Kings Square	0145-252 2121
GUILDFORD	Debenhams - (3rd Floor),	Millbrook	01483 301300
HARROW	Debenhams - (2nd Floor),	Station Rd	0181-427 4300
HULL	Debenhams - (2nd Floor),	Prospect St	01482 325151
IPSWICH	Debenhams - (2nd Floor),	Westgate St	01473 221313
LONDON	Silica	- 52 Tottenham Court Rd	0171-580 4000
LONDON	Debenhams - (3rd Floor),	334 Oxford St	0171-580 3000
* LONDON	Harrods	- (3rd Floor), Knightsbridge	0171-730 1234
LUTON	Debenhams - (1st Floor),	Arndale Centre	01582 21201
MANCHESTER	Debenhams - (3rd Floor),	Market St	0161-832 8666
PLYMOUTH	Debenhams - (3rd Floor),	Royal Parade	01752 266666
ROMFORD	Debenhams - (3rd Floor),	Market Place	01708 766066
SHEFFIELD	Debenhams - (3rd Floor),	The Moor	0114-276 8611
* SHEFFIELD	Debenhams - (L.Ground),	Meadowhall Ctre	0114-256 9779
SIDCUP	Silica	- Silica House, Hatherley Rd	0181-302 8811
SOUTHAMPTON	Debenhams - (1st Floor),	Queensway	01703 223888
SOUTHEND	Keddies	- (2nd Floor), High Street	01702 462426
* THURROCK	Debenhams - (1st Floor),	Lakeside Centre	01708 863587

SILICA DEBENHAMS

*These stores carry a selected range only but products can be ordered in the stores via Mail Order

FREE BROCHURES

CALL 0181-309 1111 OR RETURN THE COUPON

To: Silica, CMUSR-1295-270, Silica House, Hatherley Rd, Sidcup, Kent, DA14 4DX

☐ Please send me an Amiga brochure - free of charge

☐ Please send detailed information on the following products:

....

....

Mr/Mrs/Miss/Ms: .... Initials: ....

Surname: ....

Company (if applicable): ....

Address: ....

....

....

.... Postcode: ....

Tel (Home): ....

Tel (Work): ....

Which computer(s), if any, do you own?

....

273B

3

22095

E&OE - Advertised prices and specifications may change - Please return the coupon for the latest information.


1234567891
Sequentia



The Exciting world of Programming

Creating your own software is one of the most satisfying things you can do with your Amiga and once you get bitten by the bug you won't be able to stop. You've already got this month's free Amiga E language and manual, now take a look at what else is on offer.

With so many hundreds of Amiga programs to choose from and a vast repertoire of public domain software, you might be wondering if there is any need for you to slip into an anorak and learn to program at all. Why bother, when other people will do it for you?

Tch, tch you lazy so-and-so. There are plenty of good reasons for getting into programming. First of all that amazing program you have been waiting for all these years might not actually exist. Unfortunately your obscure requirements might not apply to anyone else and so you are the only person who would benefit from the program being written.

You might also be interested in career in programming: what better way is there then to proceed than to teach yourself at home?

Money always comes into the picture somewhere and releasing a good shareware program or coming up with the next big cover disk hit could make the cash registers ring with delight. As the move continues towards more and more independent companies making names for themselves in the Amiga market, you might find yourself responsible for the number one selling game at Christmas.

Or you might simply enjoy the intellectual challenge of problem solving and the artistic delights and deep satisfaction of actually creating something.

Don't Be Afraid

Many people are put off trying to program because they glimpse part seven of a programming tutorial in C and decide that there is simply no way they could even learn to program. Out come the excuses: I'm no good at maths ... I learnt BBC Basic at school and didn't understand a word of it ... the list goes on.

The good news, however, is that programming has never been easier. Of course if you have a brain the size of a planet (like someone Mat met recently), you can jump right into the deep end with *Assembler* code and write yourself the best demo since sliced bread. The rest of us will want a gentle introduction.though, and preferably one which isn't going to cost a lot of money.

Well, you are in luck as there is a language to fit every need and every level of experience. You can start off gently with a little *ARexx* (which is free) or try the more academic approach with *Pascal*. If you want to get some serious work done you can see what C can do for you, and if you really only want to write games then you could try AMOS or the far superior *BlitzBasic* system.

You don't need to be a mathematical genius to learn how to program. All you need is patience, an eye for detail and the ability to visualise problems by breaking them down into smaller parts. After that you only need some spare time, some scraps of paper and a copy of your favourite magazine, of course.

How Programming Languages Work

To understand how a programming language actually works, you need to realise exactly how stupid computers are. To be blunt, they know nothing you don't tell them and they usually forget what you tell them very quickly. There is nothing 'artificially



▲ The stunningly powerful Photogenics was originally written with Amiga E, as cover mounted with this issue of CU Amiga Magazine.

intelligent' about computers: they simply follow the list of instructions they are given.

The list of instructions is what we call the computer program and no matter what particular language it is written in there are only a set number of things which can happen.

Computers only deal with 'input' and 'output'. The purpose of a program is to generate output which depends on the input. If the input is a series of movements of a joystick, the output could be a game of *Pacman*. If the input is a list of numbers, the output could be a sum total or a bar chart.

Let's look at a very simple program and see how it works. This program has been written in *ARexx*, the language which comes built-in to all Amigas with Workbench 2 or above. I choose *ARexx* because it is relatively easy to read and because you can enter and run this program yourself if you wish: all you need to do is type it into a text editor (such as 'ed') and save it somewhere. Then use the special *ARexx* command 'rx' to run it.

```
/* Example program 1 :
Sequential execution */
a = 10 b = 6 c = a+b
say "Number 1 plus Number 2 is:" c
```

This program may be short, but it demonstrates several important principles of computer programming. The first might be obvious, but it needs to be said: the program starts at the top and works down, line after line until it either stops or it is told to go somewhere.

Secondly, it introduces the concept of variables – in this case the variables are the letters 'a', 'b' and 'c'. The letters in the program are actually locations in the Amiga's memory which the *ARexx* system has set aside. It stores the values 10 and 6 into the locations referred to by the labels 'a' and 'b'. Notice how the third variable, 'c' is given a value which is the sum of 'a' and 'b'. This value is then display on the screen with a simple message.

```
/* Example program 2 : Loops */
do count=1 to 10
say count end
```

This program demonstrates the ability of a program to repeat parts of itself. The purpose of the program is to display the numbers from 1 to 10, and one way to do this would be to use ten different say commands.

However, a short-hand way is to create a 'loop' and that is exactly what is happening between the 'do' and the 'end' statements. In the example below, the program in the middle is being executed ten times, because the variable loop is being forced to count from 1 to 10.

```
/* Example program 3 :
Conditional arguments */
do count=1 to 10
if count = 1 then say "Number 1"
if count = 10 then say "Number
10" if count > 1 & count < 10
then say "In the middle"
end
```

Programs which either run right through or just perform simple loops are rarely useful. We need some decision making, and that is what is happening in this listing. The variable count is stepping through the numbers from 1 to 10 as before, but this time the content of the loop is quite different.

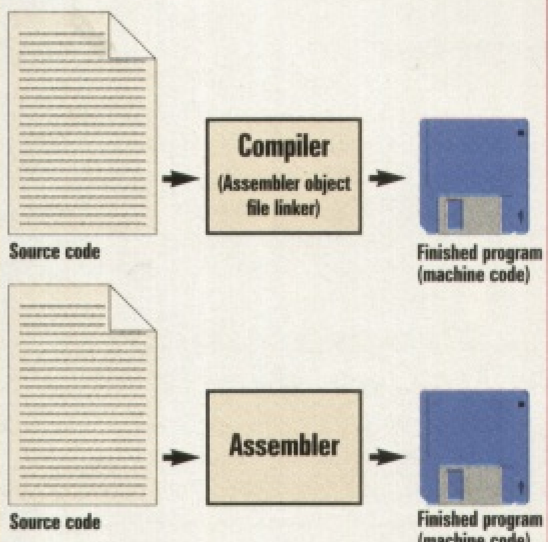
Each time the loop happens, the value of 'count' is checked several times. First of all it is checked to see if it is equal to one. If it is, a message is printed.

Then 'count' is checked to see if it is equal to 10. If it is, a different message is printed. Finally, 'count' is tested to see if it is greater than 1 and also less than 10 (that is, if it is 2, 3, 4, 5, 6, 7, 8 or 9). If this is the case, a third message is displayed.

Line-by-line execution, loops and decisions are the only things which computer programming languages need to know how to do. By combining these elements, almost anything is possible: from the simplest utility to the most complicated 3D image rendering system.

Making It Up

A Language like *C* is compiled before use: this step can involve lots of other smaller stages, and takes quite a lot of time. Extra large programs can take an hour or so if all compiled at once. *Assembly* language must also be converted into machine code before programs can be run (and they usually need to be linked as well) but this is a lot faster as each *Assembly* language instruction is equivalent to one machine code instruction. An interpreted language is converted as it is actually running: slower but easier to do.



Why The Commotion?

You might be wondering what makes one programming language different from another. If they only perform simple instructions, then why all the fuss?

Every programming language is a trade off between ease of use and speed. It is always the case that what is easy for humans to read is difficult for computers and vice versa. For example, although *ARexx* is still obviously a programming language, it's a lot easier to understand than something like:

```
add.l  #1,pos1
move.l pos1,d0
cmpi.l #4,d0
bne    SayRoutine
move.l #0,pos1
rts
```

The above is written in *Assembler* which is definitely not designed for humans. Instead it is designed so that each statement can be directly converted into the instructions used by the Amiga's processor. So for each 'add.l' there is a single corresponding instruction in the machine code which the Amiga uses.

Compare this to *ARexx*: each line in an *ARexx* program could eventually end up being translated into hundreds or thousands of these machine code instructions, and each line of *ARexx* needs to be converted to machine code before it can be processed. An Assembler program would therefore run much faster as it's not slowed down by the translation process.

Two Different Camps

All the different languages can be split into two sections: compilers and interpreters. The difference between compiled and interpreted



▲ Skidmarks is regarded as the best example of a game written with Blitz Basic, thanks to its tremendous speed, graphics and gameplay.



▲ PD demos like Ariel pictured here are all about speed and pushing back the boundaries, so Assembly language is essential.

Which Language Is Best Suited To You? Take Your Pick...

Before you even start to program you must choose which language to use. Your decision will depend on the type of program you need to create, your experience and of course, how much you can afford.

We've rated each language in four categories. They are as follows:ease of use, speed, suitability for various applications, the form of the language and finally some examples of the language.

AMIGA E *Amiga E* is a custom programming language which only exists on the Amiga. This means it's been specifically created to make programming easier and faster than other languages which have to remain compatible with other platforms.

Amiga E is a compiled language but the ease and speed of compilation makes it almost as quick to make changes as with interpreted languages.

You can find the full version of *Amiga E* along with a manual on the cover of this month's CU Amiga Magazine.
Ease of use: moderate
Speed: fast
Suitable for: games, utilities and applications
Form: high level compiled
Examples: *Amiga E*

ASSEMBLER You can't get a lower level language than *Assembler* unless you want to enter hexadecimal numbers into a file by hand. It will take some getting used to but it is the most pure and satisfying form of coding and is the only way to create fast action games at a professional level.
Ease of use: hard
Speed: very fast
Suitable for: games, speed and critical programs
Form: low level, assembled.
Examples: *HiSoft Devpac 3*

C *C* is a lot more like English than *Assembler*, but it's still nothing like English really. *C* is the choice of many professional programmers, for although with a good compiler it provides the kind of speed offered by *Assembler*, it also manages to cram in excellent support for 'data structures' (organising information for easy processing) and the ability to create code libraries.
Ease of use: moderate
Speed: fast
Suitable for: games, utilities and applications
Form: medium level, compiled
Examples: *SAS/C, Dice*

BASIC BASIC started off as a teaching language in the 1960s but is still in use today. Originally it had many drawbacks and as it was interpreted it was dog slow. Over the years it has evolved into various streamlined and compiled forms and is often used as the basis for games programming languages such as AMOS or Blitz. Purer forms such as HiSoft's BASIC are better for utilities and Workbench-friendly programs.
Ease of use: easy
Speed: average (depends on the version)
Suitable for: simple games and utilities
Form: high level, compiled (some versions interpreted)
Examples: *HiSoft Basic, Blitz, AMOS*

ARexx It's free, so it can't be all bad. In fact, *ARexx* is very powerful. It looks a little like BASIC but is a lot less fussy. It's easy to program and best of all you can use it to control the features of any application program which has an *ARexx* port.
Ease of use: easy
Speed: fairly slow
Suitable for: simple utilities, linking programs
Form: high level, interpreted
Examples: *ARexx* (free with Workbench 2 and up)

PASCAL If the polytechs taught BASIC, the universities taught Pascal. It is much more structured than BASIC and teaches a better style. The HiSoft implementation is superb and can be used for almost anything C would be used for, but is still easier to use.
Ease of use: moderate
Speed: fast
Suitable for: utilities, games, applications
Form: compiled
Examples: *HiSoft HighSpeed Pascal*

OTHERS There are plenty of other examples of programming languages around from versions of FORTH (a language written to control radio telescopes which has amassed a cult following) to more structured and data orientated environments such as Oberon.

Finally, let's not forget FORTRAN, COBOL and LISP: none of which, however, are particularly useful on the Amiga.

languages is in the way they are translated to machine code.

Compiled languages do the conversion all in one go. The compiler program takes the source code – the lines of text and gobbledegook you type into a text editor – and converts it into machine code. There are usually a few intermediate steps as it gets converted into an object line and then linked with extra libraries and so on to produce the finished executable code.

The advantage of compiling a program is that it will execute (run) very quickly: good compilers can produce machine code which is pretty close to being as good as even a dedicated programmer could create by hand. The finished program will also 'stand alone' which means that no other programs are necessary to use it, and you can sell it or give it away as you see fit.

The disadvantage is that the compilation process itself is lengthy and complicated: compilers are not easy to write and so are usually expensive. Languages such as *C* and *E* are compiled.

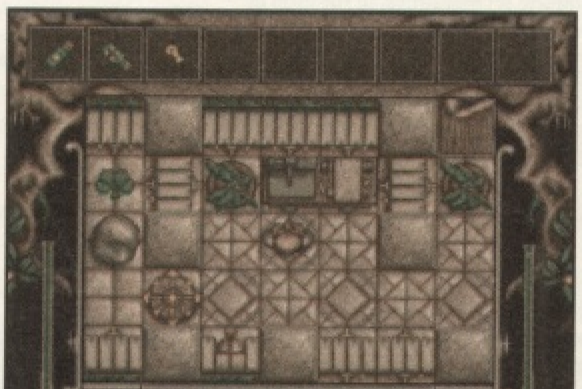
Interpreted languages are different. In this case a separate program looks through the source code line by line, and translates and executes it on the fly. Obviously this is slightly slower but it does make developing programs quite a lot easier (you can make a change and see what happens without having to re-compile the entire program) and as interpreters are easier to create they tend to be cheaper.

High Vs Low Level

There are other distinctions to make between languages. The difference between something like *ARexx* and something like *Assembly* language is defined as the 'level'. ARexx is 'high level' because it is aimed more at people, whereas *Assembler* is 'low level' because it is closer to the hardware level of the Amiga itself.

As an example of a particular High Level language, think of the AMOS or system. By including lots and lots of specially written commands to create and move graphics, change colours and play animations, AMOS is a lot easier to use from a human point of view. If you wanted to write a similar program in C or *Assembler* you would need to start from scratch with code to open a screen, draw a pixel, alter the pen colour and so on. Of course, the C or Assembler version would be a lot more flexible and fit more closely to the design, but it would also take considerably more time and more skill to write. ■

John Kennedy



▲ Valhalla was written with AMOS. AMOS has ready-made commands for moving graphics around and playing sounds, but it's not that fast.



▲ Image Studio is another example of what can be done with our Amiga E cover disk. You could do the same with a bit of practice.



Explore the Wonder of your new Amiga with these Wizard packages from HiSoft Systems

The Amazing Surf Squirrel Interface



The powerful Surf Squirrel™ interface is the cutting edge technology for easy A1200 expansion. Providing a high performance SCSI-2 interface, Surf Squirrel permits easy addition of up to 7 SCSI peripherals, such as a hard disk, a Zip™ drive or a CD-ROM to your A1200; Squirrel is also the only SCSI expansion that is hot plug and unplug, requires no opening of your Amiga, no technical knowledge and does not invalidate your warranty!

£99.95

But that's not all, Surf Squirrel also has a fully buffered, high speed serial port that is capable of performing up to 600% faster than the A1200's serial port, so Surf Squirrel gets the most out of your modem and your A1200 to make high speed file download, with multi-tasking, a reality not a possibility.

The package comprises the Surf Squirrel Interface, SCSI drivers, CD32/CDTV emulator, serial drivers, and an extensive, fully illustrated, user manual. Here are just a few of the reasons why the Surf Squirrel SCSI Interface is ideal expansion peripheral for your A1200:

- High performance (3Mb/s) SCSI 2 hardware for easy expansion; supports up to seven SCSI devices.
- No technical knowledge required, easy-to-use setup program included.
- Compatible with any SCSI-1 and SCSI-2 peripherals.
- Autobooting - boot from an external hard disk.
- Hot plug and unplug - no need to power off to remove the interface.
- All software drivers required for the connection of CD-ROMs or hard drives included.
- Includes a full CD32/CDTV emulator for use with a SCSI CD-ROM drive.
- Fits externally - doesn't invalidate your A1200 warranty.
- High performance, fully buffered serial port to give reliable data transfer at up to 230400 bps - dramatically reduces the time spent on the phone and your phone bills.
- Industry standard 9 pin serial socket for easy modem connection.
- Serial port is compatible with all comms, networking, and serial hardware.



£189

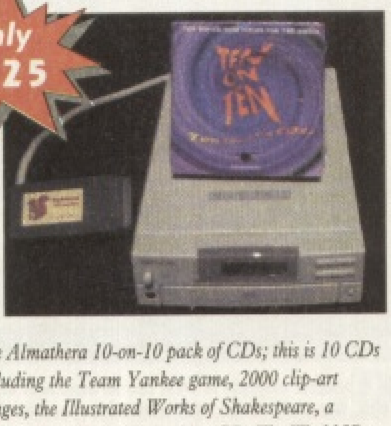
inc 100Mb cartridge, extra cartridges from £12.90

zip™ 100 drive scsi

The hard drive for the multimedia age

Possibly the most exciting piece of hardware to be released in 1995, the Zip™ drive represents the ultimate in value for money removeable storage. Using 100Mb cartridges, the Zip drive offers exceptional performance, giving a data transfer of 1Mb/s and an access time of 28ms. The Zip drive includes a complete set of utilities, in the form of HiSoft Amiga Zip tools, for use with your Zip drive.

only £225



The SuperValue CD-ROM Pack

HiSoft has done it again with a brilliant multimedia pack of the original Squirrel SCSI interface (not Surf Squirrel), Aiwa ACD-300 CD-ROM and the Almathera 10-on-10 pack of CDs! Just look at what you get:

- *The amazing, trend-setting Squirrel SCSI interface which allows up to 7 peripherals (hard drive, CD-ROM, Zip, scanner etc.) to be daisy-chained together.*
- *CD32 and CDTV emulation software so that you can all those games and other titles such as Video Creator.*
- *The great-looking Aiwa ACD-300 CD-ROM drive; a fast, double-speed CD-ROM with full SCSI specification plus complete audio controls on the front so that you can play music CDs directly. Plus an informative LCD panel.*
- *The Almathera 10-on-10 pack of CDs; this is 10 CDs including the Team Yankee game, 2000 clip-art images, the Illustrated Works of Shakespeare, a Comms, Internet & Networking CD, The World Vista Atlas, 1000s of fonts, a complete photo library and much, much more!*

Offer extended until 30 Nov 1995

All this, packaged together, at a truly superb price, with full 1 year warranty and technical support from HiSoft.

The Fabulous Squirrel Surf Packs



Surfing Starter Pack £199 *plus P&P*

Surfing Super Pack £299 *plus P&P*

MAKING THE CONNECTION

EMAIL • NEWS • WEB • FTP GOPHER • TCP/IP • USENET

Start surfing with one of HiSoft System's Surf Packs. Designed for both the beginner and expert alike, the Squirrel Surf packs include all software, hardware and documentation to get you quickly, and easily, onto the information super highway.

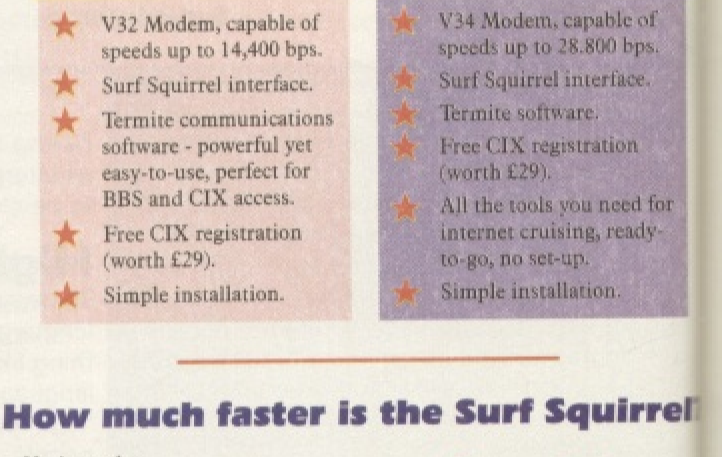
Surfing Starter Pack

- V32 Modem, capable of speeds up to 14,400 bps.
- Surf Squirrel interface.
- Termite communications software - powerful yet easy-to-use, perfect for BBS and CIX access.
- Free CIX registration (worth £29).
- Simple installation.

Surfing Super Pack

- V34 Modem, capable of speeds up to 28.800 bps.
- Surf Squirrel interface.
- Termite software.
- Free CIX registration (worth £29).
- All the tools you need for internet cruising, ready-to-go, no set-up.
- Simple installation.

How much faster is the Surf Squirrel



Bars A,B and C are the maximum transfer rates obtained when downloading an ASCII, Database and Graphic file respectively, using a V34/VFC modem. Bars E,F and G are the maximum transfer rates obtained when downloading an ASCII, Database and Graphic file respectively, using a V32bis modem.

HiSoft SYSTEMS

The Old School, Greenfield
Bedford MK45 5DE UK
Tel: +44 (0) 1525 718181
Fax: +44 (0) 1525 713716

All prices include UK VAT. Shipping is £4 (3-4 day ser… or £6 for Guaranteed Next … (if goods in stock). Please c… our freephone number 0500 223660 for more details or … order any title. E&OE.

Note that the original Squi… interface (as opposed to the … Squirrel) does not include a… serial port. © HiSoft 1995.

Cinema4D™

Bringing you closer to virtual reality





£199

HiSoft Systems is proud to present Cinema4D - a new world of Amiga ray-tracing. Cinema4D is packed with power-user features that will satisfy even the most demanding users. Moreover, at £199 inc., Cinema4D does not carry a power-user price tag.

Cinema4D provides an easy-to-use multi-tasking editor replete with every conceivable option including window-based realtime interactive modelling, modelling directly in 3D, basic and complex primitives with uncountable variations, easy object manipulation, moveable tool, object and texture lists, definable object hierarchies, optimised versions for 68020 (A1200 etc.) & FPUs and much more!

The Cinema4D animator brings you even closer to the world of "virtual reality", breathing life into objects and scenes. It doesn't matter whether you want to have your spaceship dock with a new spacestation, or take a tour around the darkest dungeon - with Cinema4D it's so simple. With just a few mouse clicks you will have your objects move realistically through time and space.

Cinema4D runs on all Amigas with a minimum of 3MB RAM, and Kickstart 2 or higher. Cinema4D supports all Amiga and graphic card modes (HAM, HAM8, 24-bit,etc.) and recognised file formats (Imagine, Sculpt, DXF, Reflections, etc.).

The Marvellous Music Master Pack

only £49.95





If music be your food of love then play on with the new Music Master Pack from HiSoft Systems. Here is everything you need to experiment with sound, or control your favourite MIDI keyboard, or sample the latest dance sound (or the dog barking next door) or even sequence a complete song, all from the keys of your favourite computer. The Music Master Pack contains:

Aura 8 Sampler

- 8-bit direct-to-disk sound sampler plugs into your parallel port.
- Complete with extensive editing software.
- Vast range of special effects (both to sample & real-time) like flange, echo, tube, etc.

Aura Midi

- Full MIDI interface with MIDI-in, MIDI-out and MIDI-thru.
- Perfect for controlling MIDI keyboards, guitars, drum machines etc.
- Compatible with all MIDI software and hardware.

Sequencer One

- Complete MIDI sequencer. Accurate real-time recording and playback of MIDI instruments.
- Work with up to 32 tracks with 4 channel sample replay.
- Step editor screen for individual note editing and much more.

The Dream Database

Twist 2



a screenshot of the fabulous Twist 2 Database

Twist 2, from HiSoft Systems, is the highly-acclaimed relational database for all WB2 Amigas (2Mb memory recommended). With a built-in Forms Designer, a beautiful user interface, simple-to-use relations, versatile sorting, reporting and searching features and speed that defies belief, Twist 2 is the only Amiga database that will grow with you.

Twist 2 is compatible with all Amiga running WB2 (or higher) and with 2MB, or more, of free RAM. A hard disk is recommended. *Only £99.95.*

Perfect Programming

The HiSoft name has always been synonymous with high quality programming languages for the Amiga - offering a broad selection of languages for both the beginner and expert alike.



For starters, we have HiSoft Basic 2, ideal for anyone wanting to take their first steps in programming. Based on the industry standard Microsoft Quick Basic, HiSoft Basic 2 offers excellent cross-platform compatibility as well as full compatibility with the Amiga. Supplied with an extensive tutorial, HiSoft Basic 2 will get you writing your own programs quickly and easily. *Suggested Retail Price £79.95.*



For the main course, we have HighSpeed Pascal, a superb version of the popular Pascal language, offering astonishing performance and excellent compatibility with Turbo Pascal on the IBM-PC. HighSpeed Pascal includes all the tools essential for easy development including editor, debugger, compiler and manuals. *SRP £99.95.*



The dessert; for those who want to get to the Amiga's hardware, we have Devpac 3. Regarded by many as the industry-standard assembler, Devpac 3 gives you the ability to write ultra fast assembly programs for your Amiga. As with all of our programming systems, Devpac 3 is complete, including editor, debugging facilities, include files and a comprehensive manual. *Suggested Retail Price £79.95.*

Classic Squirrel

The original mould-breaking Squirrel SCSI interface is still available at the magical price of only £69.95. This interface is ideal for those who want to expand their Amiga fully but do not intend to surf the net. You should also note that we have a wide range of SCSI and IDE hard drives for your A1200.

Coming Soon...



The SCSI MPEG Player for your Amiga, Atari, Macintosh & IBM-PC Compatible

Bring the cinema into your home and onto your computer with the Squirrel MPEG decoder. Playing the popular VideoCD and CDI CD-ROMs, Squirrel MPEG brings high quality digitally-mastered images and 16-bit stereo sound to you and your Amiga. Now you can watch all your favourite films in superb, high-definition colour, again and again and again, with no loss of quality.

Squirrel MPEG is a SCSI peripheral that can be used in conjunction with any SCSI controller, such as the Squirrel, and any VideoCD compatible CD-ROM. Squirrel MPEG can also be used as a stand-alone unit as an addition to your TV, Video and Hi-Fi setup.

Available from late 1995 / early 1996, Squirrel MPEG is the latest in an established line of ground-breaking products, for you and your Amiga, from HiSoft Systems.

VISA Access

To Order

To order any HiSoft Systems' package, just phone 0500 223660, free of charge, armed with your credit/debit card. We will quote you a firm all-in price and the expected delivery time.

Pedal to the Metal

A thumping soundtrack is an essential part of any good racing game, and Leading Lap is no exception. We go behind the scenes to find out how professional rock musicians are making it big in Amiga music.

Let's rock! Black Legend's turbo charged race 'em up *Leading Lap* is poised to revolutionise not just Amiga gameplay but Amiga game soundtracks too. Taking a rather different approach to the norm, developers Kellion are hoping to get heads banging the world over with the game's rock-tastic audio feast.

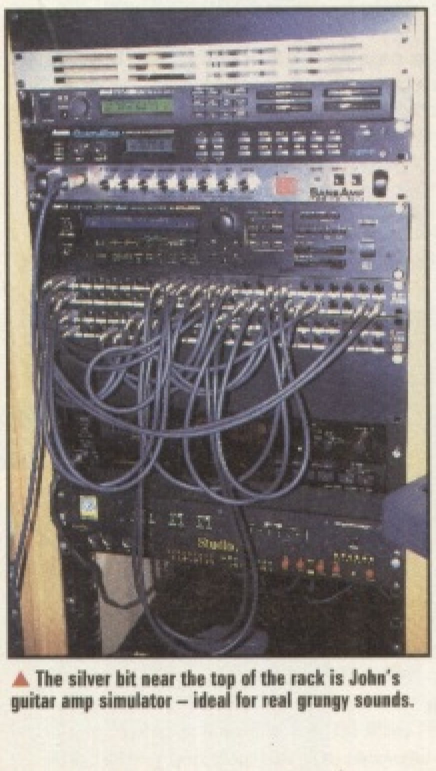
If you were to get yourself a CD-ROM and look through the rock section of its music modules directory, you'd probably come across a motley crew of badly sampled and clichéd drum patterns and horrifically out of tune chord combinations. If you're really unlucky, you might stumble across an attempt to recreate a Slash guitar solo using that single note guitar sample from taken from the ancient LED Storm game tune. There are exceptions, but basically that's the state of rock music on the Amiga. Until now that is.


▲ John 'Goldilocks' Haines is the man responsible for Leading Lap's head-banging theme tune. Phwoarrr!


▲ With the computer-controlled mixing, a modest Mackie 8:2 mixer is all that's required.

In the Studio

Big time record producer, accomplished axeman, and let's face it, blond bombshell John Haines is the main man behind this push for musical advancement. With a career built on song writing, production work and session playing for the world's top international rock bands (did someone say Bon Jovi?) John was the obvious choice to provide the Leading Lap soundtrack. When originally presented with an Amiga, *OctaMED* and a disk of sound samples, then asked to create a hot rocking soundtrack that fits into 300K and plays back on four tracks, John's initial reaction was one of disbelief. A few hours of frustrated keyboard prodding later, John took a break and laid down a few thrashing guitar riffs onto his Mac-based hard disk recording and sequencing system. It was then that he decided to ditch the traditional module creation method in favour of a far more flexible system. Why not produce the entire soundtrack in the studio, then port it to the Amiga?


▲ The silver bit near the top of the rack is John's guitar amp simulator – ideal for real grungy sounds.

Free at Last

Free of the constraints of standard module composition techniques, John then set to work on a 'real' soundtrack. While for some record producers, a mixing desk that looks like the bridge from the Starship Enterprise is the mark of a good studio, John knows there's more to top recording setup than banks of knobs and faders. His impressively miniaturised studio packs the power of some of the biggest traditional studios, but cost a hell of a lot less and offers far greater flexibility.

Based around an Apple Mac and a combination hardware/software digital recording system, it merges hard disk digital audio recording with realtime MIDI sequencing. So why doesn't he use an Amiga? He didn't know the Amiga could do most of this (and to be frank, at the moment the Amiga couldn't quite do everything this Mac system can do, such as the realtime effects modules that plug into the Mac for instance). The advantage of this system over a conventional studio setup based on a mixing console and a multi-track tape recorder is that audio and MIDI music can easily be recorded, edited and played back from one integrated mixing and sequencing panel on the computer software. MIDI tracks can be committed to audio at the drop of a hat, and live vocals and guitar parts can be recorded via effects units and amp simulators alongside the MIDI music.

Unlike recording to tape however, the digitised audio can then be manipulated and edited until the cows come home.

The upshot of all this is that John ends up with a full CD quality stereo soundtrack with all the advantages of both live recording and MIDI sequencing. So how does this make its way to the Amiga version of Leading Lap? Simple, the whole soundtrack is sampled into the Amiga, chopped up into loops, fills and one-off sections, then pasted back together in *OctaMED* to form a series of full bodied cone-rattling rock tracks. So it loses something in the transition from 44.1kHz in 16 bits to its 11kHz 8 bit Amiga form, but it still rocks. See it's not all techno you know! Check out Leading Lap and find out for yourself! ■

Tony Horgan



t

ng, a modest

ted until

is that
CD quali-
h all the
recording
how
the
g Lap?
track is
chopped
he-off sec-
together in
es of full
tracks.
the transi-
bits to its
but it still
hno you
g Lap and

COMING SOON!

THE RETURN OF

THE WORLD OF AMIGA™

EXHIBITION 1996

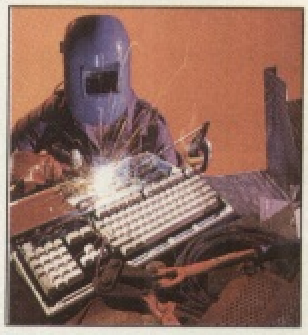
'IT'S BACK'
THE SHOW FOR ALL AMIGA ENTHUSIASTS

ON THE
6TH & 7TH JANUARY 1996
AT A LONDON VENUE

FOR MORE INFORMATION CONTACT THE HOTLINE

01369 706346

FAST AMIGA REPAIRS



FAULTY TROUBLESOME COMPUTER ??
CALL FOR COLLECTION OR PERSONALLY DELIVER TO THE EXPERTS FOR FAST RELIABLE REPAIR OF YOUR AMIGA
FOR ONLY
£24.99 + parts
* NO OBLIGATION FREE QUOTE *

WE REPAIR TO COMPONENT LEVEL
A500, A600, 1200, 1500, 2000, 3000, 4000 & CD32

★ FREE GIFT WITH EVERY ★ REPAIR. PLEASE SPECIFY

MOUSE MAT	❑
MOUSE HOLDER	❑
DISK CLEANING KIT	❑
ADD £5 REPLACE MOUSE	❑
ADD £5 JOYSTICK SEGA STYLE	❑

BARGAIN HARD DRIVES
FITTED 85-500mb..............Call
EXCHANGE SERVICE

MODULATORS	£19.50
PSU	£19.50
DISK DRIVES	£25.50
KEY BOARDS	£25.50

★ 95% SUCCESS RATE ON ALL COMPUTERS
★ DOOR TO DOOR COLLECTION OF YOUR COMPUTER ANYWHERE IN THE UK.
142 TANNER STREET TOWER BRIDGE, LONDON SE1 2HG
Call FAST on TEL 0171 252 3553
E-MAIL PETER@FASTCOMP,DEMON.CO.UK



A S A ☑
KEEPING TABS ON ADS

THE ADVERTISING STANDARDS AUTHORITY 2 TORRINGTON PLACE LONDON WC1E 7HW

COUNTING ON THE BEST

Final Calc

A new branch on the SoftWood Family Tree



New Final Calc™ is the spreadsheet Amiga owners have been waiting for. Over four years in the development stage, Final Calc has all the power you will ever need - and then some!

With its friendly interface and on-line help for beginner and expert alike, Final Calc allows easy access to the most extensive list of features ever - including...

•Comprehensive Cell Type definition •Unlimited Undo & Redo •Outline Font Output •Background Re-calc •178 Maths Functions with comparison/logical operators •Direct support for PostScript™ & Preference Printers •Print Spooler, Scaling, Auto-fit, Page Preview and Portrait/Landscape printing options •2D/3D Graphs with animation •Read and Write Lotus 1-2-3 .Wk1 files

COUNTING ON THE BEST!

PERFECTLY inFORMED

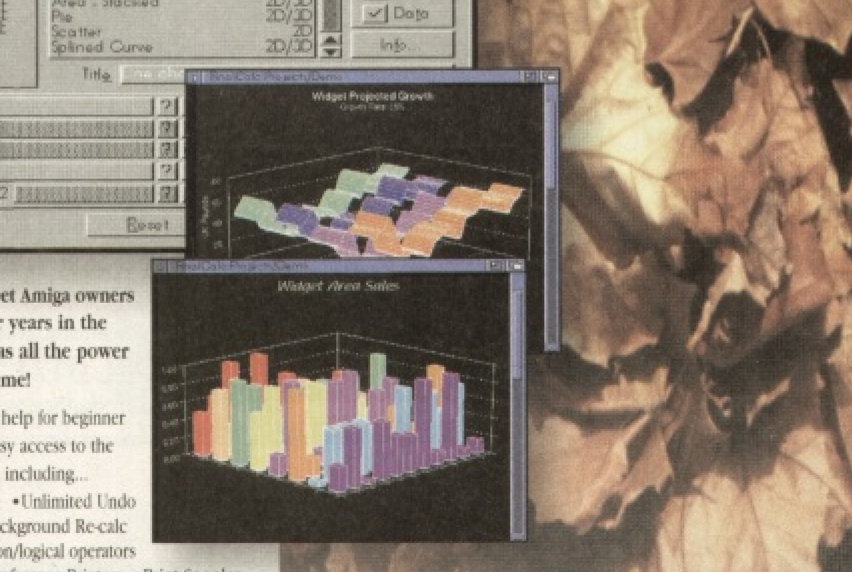
Final Data 3

A Cultivated Approach to Data Management

Now in its third release, Final Data 3™ retains its ease of use and unique method of simple data definition and entry - but, now includes more advanced features!

Even first time users can produce their own personal information files immediately! As you become more familiar, you can take advantage of...

•Running Calculations •Multiple Line Memos •An extensive Query Requester and... NEW Final Data 3 features such as, •Hidden Columns •Redefinition of Data (eg. from Text to a Memo column) •Graphics, Sound and Animation (Requires use of Datatypes found in Workbench 3.0 or above). Why don't you become...



PERFECTLY *in*FORMED!

Final Calc redefines the way spreadsheets should work - fast and intuitive, whilst offering a range of advanced features.
Final Data 3 has undergone a major upgrade with improvements that extend its capabilities but retain unique, easy data entry techniques.
If you would like to place an order or just require the FULL specifications for Final Calc or Final Data 3, please call our...

Order Line on 01 773 521606

Who else but the World's leading Amiga home & office productivity software developer could offer you such a wide range of award winning programs?
A range acclaimed as the best for your computer with individual programs having received Amiga Format Gold, Amiga Computing Blue & Gold Chips, CU Amiga Top Rated and many, many others worldwide.



Final Calc™
Spreadsheet

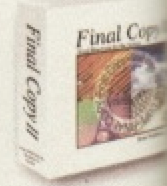
The answer to every spreadsheet users' dreams! With its flexible modes of operation, it's ideal for beginners and experts alike.

- Layered sheets for multiple linked spreadsheet operation
- Advanced Printing and font handling with auto-fit to page(s) and complete document scaling
- Vast choice of graph styles including 3D and animated to show calculation results actually as they progress
- Unlimited number of Undo and Redo events with listing
- Lotus 1-2-3 .WK1 compatible & full text file import/export

*Amigas running Workbench 2.04 or later with a hard drive and a minimum of 2.5Mb of RAM - More recommended

£99.95 Inc. p&p

Final Copy II™
Word Processor

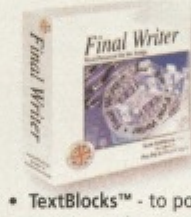


This powerful alternative is the ideal companion for Amiga users with single or twin floppy drives and a lower memory size.

- PerfectPrint™ - an advanced system that enables you to output PostScript™ smooth fonts to ANY printer in both landscape and portrait modes
- FastDraw™ - on screen drawing tools for creation of boxes, lines, borders, arrows etc.
- Other features such as newspaper columns and import of graphics and pictures with scale, crop and autoflow text

*Amigas running Workbench 1.3 with floppy or hard drives and a minimum of 1Mb of free RAM (HDs - 1.5Mb) - More recommended

£49.95 Inc. p&p



Final Writer 4™
Word Processor/Publisher

The most powerful Amiga word processor for users needing the highest performance and most comprehensive range of features.

- TextBlocks™ - to position text at any size and angle
- FastDraw Plus™ - versatile selection of graphics tools
- TouchTools™ & PowerUser Bars™ - One touch commands
- PerfectPrint™ - You just can't print better on your Amiga
- French, German and Norwegian dictionary options
- Output PostScript™ fonts & clip-art to all graphic printers

Supplied with 100 images and 120 outline fonts FREE!

£74.95 Inc. p&p

*Amigas running Workbench 2.04 or later with a hard drive and a minimum of 2.5Mb of free RAM - More recommended.

Final Data 3™
Database



A powerful yet simple to use database with extensive features enhancing your potential to store important information EASILY.

- Easy definition of columns for categories of information such as name, house number, street, town, county, postal code, phone number etc. - no unfamiliar commands!
- Built-in routines for rapid label printing
- Print/mail merge with word processors
- 'Memo' feature, acting like a 'Post-It' note, to enter large amounts of text within any record

£39.95 Inc. p&p

*Amigas with floppy or hard drives running Workbench 1.3 or later and a minimum of 512K of free RAM (HDs - 1Mb)

SoftWood
...Naturally Better

SoftWood Products Europe Limited, (Department CUa), New Street, Alfreton, Derbyshire. DE55 7BP FAX: 01 773 83

SoftWood Inc. United States +1 602 431 0949 | Emerald/Quasar Australia +61 3585 2055 | Oberland Germany +49 6173 65001 | C.I.S. France +33 57 89 11 40 | ProComp Sweden +46 4727

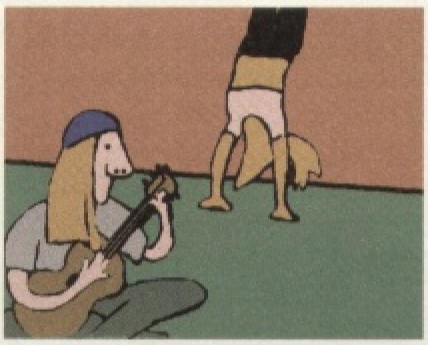
*Help on system requirements: Our products are the most economical in their use of system resources. Like others, we quote the minimum required to load our software, but please note that as with all programs, more memory/latest Workbench may be required to access all graphical features fully. If in doubt, ple

Death Becomes Her



Amiga animators have found a champion in Ruth Lingford. After the success of What She Wants, her latest project 'Death and the Mother' is to be televised next year. CU Amiga had to find out more ...





The recent CineWave Media conference in Brighton was the kernel of all sorts of debates concerning the future of electronic media and the part it has to play in the television industry. The role of the Amiga was heralded by the recently acclaimed Amiga animator, Ruth Lingford.

The Amiga couldn't have asked for a better champion of its cause. Lingford's erotic animation "What She Wants' which was covered by Channel 4's Fourmation series has earned her a Cine Women nomination and her more recent project 'Death and the Mother' is to be televised next year. Both of these animations and much more of her work were produced solely on the Amiga using *DPaint4*.

With a Fine Art Degree from Middlesex Polytechnic and a MA in animation from the Royal College of Art to her credit, Lingford, a one time occupational therapist only discovered the joys of animation on the Amiga whilst tinkering about with her children's A500. She was delighted to discover what her "trusty little Amiga could do." From these humble beginnings she has upgraded to an A1500 with a SummaSketch III tablet board and then onto A4000 with a PARcard. Although she has upgraded her equipment her method remains the same: using the lightbox to draw her stills on and then using *DPaint4* to create frame by frame animation.

Sex and drugs

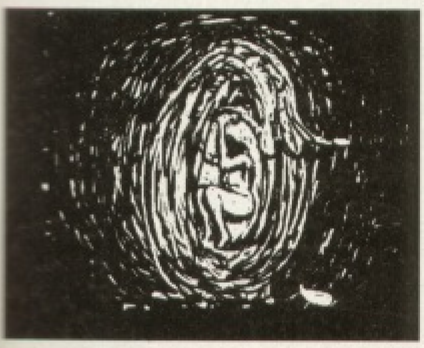
Most of Lingford's work has previously been either of a sexual (What She Wants) or social comment nature (she did a 20 minute animation on the perils of glue sniffing, see top left for some stills of this project). The attention her animation "What She Wants" received won her place as animator in residence at the Museum of the Moving Image which involved allowing herself to be observed by the general public as she worked. She used this time to perfect her new project: Death and the Mother.

This new animation was a departure away from the usual topics of eroticism and social comment. An adaptation of a Hans Christian Anderson tale, it is a melancholic story of a mother who decides to surrender her daughter up to death's spirit once she has been allowed to glimpse into her child's future. To convey the stark atmosphere to this story Lingford has employed the visual style of German woodcuts. And, if you take a look at the screen shots here you can see what I mean.

Thanks to the cost efficiency of the Amiga she is delighted that she can spend her £55,000 budget for Death and the Mother on luxuries such as getting an actress in to help with perfecting the movement and voices of the characters.









▲ Death and the Mother: Lingford's soon to televised animation is a sad tale of a mother surrendering her daughter up to death. Lingford has effectively used German woodcuts to convey the stark message behind the tale.

An inspiration

Ruth Lingford's work is just one example of the amount of avenues that are opening up to Amiga animators. She has started up her company, Own Brand, and as well as teaching animation she is currently working on projects for Peter Gabriel's multimedia company. It seems that the entertainment industry are waking up to the fact that good quality work can be created on a low cost budget without compromising creativity. And about time too. ■

Lisa Collins









▲ Above: here are some stills from the acclaimed What She Wants animation, as seen on Channel 4 Fourmations series, which explored the area of sexuality in today's life.

HiQ Limited

The Storage and System Design Specialists Tel +44 01525 211327

Multimedia PowerStation options for all Amigas



PowerStation Specifications:-

1. 200 watt power supply for complete Power Systems.
2. Good looking high quality steel construction.
3. Five drive bays, various mounting configurations.
4. Ideal monitor stand and cables slide underneath.
5. High speed Squirrel SCSI2 interface from Hisoft.
6. Dual speed, highly CD32 compatible CD-Rom drive.
7. Power and Hard Drive LED's.
8. Future expansion potential.
9. Low cost when compared to single drive cases.
10. Mix CDRom and Amiga audio outputs thru speakers.
11. Computer speed indicator, 2 speed switchable.
12. DOES NOT VOID WARRANTY.

Rave reviews in all Magazines

Tower Version



PowerStation pack Prices
Includes 2 x SCSI CDRom + Squirrel

Stereo speaker version	£329.95
Desktop version	£299.95
Tower version	£299.95
Carriage	£12.50

FREE CD OFFER

PowerStation Case Prices
includes internal Audio & SCSI Cables

Stereo speaker version	£129.95
Desktop version	£99.95
Tower version	£99.95
Carriage	£12.50

!! HiQ STAR DRIVE BUYS !!



A1200 420Mb IDE
Only £124.95

A1200 540Mb IDE
Only £139.95

A1200 850Mb IDE
Only £189.95

All drives formatted, and Magic Workbench plus PD Software installed. Free fitting for personal callers.

A1200 Cable Pack **£20**
Post & Packing £7 (CityLink)

SCSI 3.5" Drives

Quantum 540Mb FireBall	**£179.95**
Quantum 840Mb Trailblazer	**£229.95**
Micropolis 2.1Gb AV drive	**£769.95**

The Greatest Drive since the Model T Ford



Well the wait is over and the future has arrived in the shape of the new Panasonic PD System SCSI Optical drive. This unit is a Hybrid 650Mb, Quad speed CD-ROM and Optical Read/Write system. (Yes, you did read that correctly!).

Now you can read all of your favourite CD Titles at over 600Kb per second and by purchasing the low cost 650Mb cartridges you have 650Mb of storage space always on line just like a conventional hard drive.

!Limited Supply!





3 FREE CD OFFERS

Internal Drive Unit	**£599.95 inc. VAT**
650Mb Cartridge	**£49.95 inc. VAT**
External Case	**£59.95 inc. VAT**

COMING VERY SOON

Full blown S-Video quality digital Video Recording, Editing and Playback system for PowerStation users only.

Features:-

- Digital SVHS / Comp recording.
- Encoded SVHS / Comp Video Output.
- Full Digital Video Editing software includes many high quality DVE effects.
- Upgrades Processing power.
- 16 bit Audio recording and Playback.
- Includes Mpeg playback facility.
- Mpeg file creation software included.
- 1024 x 768 16 bit colour display.
- Add Panasonic PD drive for instant studio.

Prices from approximately £1,500

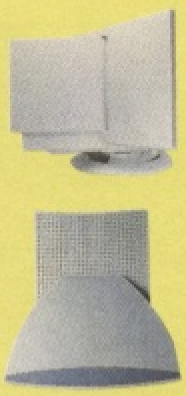
Samsung New "M" Range Monitors



The new Samsung "M" Range monitors are only for the serious Amiga user. They work at above the frequency range of the Amigas so you need to run in Double Pal mode, but the display is the best you will see from the largest monitor maker in the world!

15" does not support DBLPal
15" Gle ..£329.95, 15" Gli £399.95
17"supports DBLPal
17" Gli ....£649.95, 17" Glsi ..£749.95
P&P £12.50

Soon to be made in the UK



Hi-Fi quality active stereo speakers

(Suits all Amigas)
Specifications:-

1. 80 watt active stereo
2. Built in amplifier
3. Colour matched
4. Volume, Bass and Treble
5. Excellent Bass response



Price only £39.95 P&P £7.00



Squirrel
SCSI Interface

© Copyright Hisoft 1994

Need we say more £54.95 +P&P

Quad Speed versus Dual Speed (SCSI) CDRom drives

Q. Is Quad Speed the Future?
A. No, around the corner are the new multi Gigabyte CDRom drives.
Q. Is the extra speed useful?
A. In some circumstances, but most CDRoms developed to run in Dual speed.
Q. What about very high quality video 4-500kb/sec?
A. Yes, 15 minutes worth. All Video setup for 150kb/s for 70 minutes.
Q. What do HiQ know about it anyway?
A. See the MultiMedia CDRoms we develop for companies like Samsung.

All Prices include VAT

HiQ Ltd, Gable End, 2 The Square, Hockliffe, Bedfordshire LU7 9NB.

EMail address:- Compuserve 100432,711

MasterCard VISA

Tel 01525 211327 **Fax 01525 211328**



BOOK YOUR NEW AMIGA 1200 NOW!

GREY-TRONICS LTD

LOWEST PRICES | BEST SERVICE | RAPID DELIVERY

SALES FREE CALL 0500 737 800

SALES HELPLINE 0181 686 9973 / 0181 781 1551

DISKS DISKS DISKS + LOCKABLE BOXES

100% CERTIFIED ERROR FREE

	TDK DS/DD	DS/HD	
50 3.5" Disks	£15.99	£18.99 + 100 cap lockable box	Add £4.00
100 3.5" Disks	£27.99	£28.99 + 100 cap lockable box	Add £4.00
150 3.5" Disks	£38.99	£41.99 + 2 x 100 lockable box	Add £8.00
200 3.5" Disks	£48.99	£51.99 + 2 x 100 lockable box	Add £8.00
300 3.5" Disks	£73.99	£76.99 + 3 x 100 lockable box	Add £12.00
400 3.5" Disks	£98.99	£101.99 + 4 x 100 lockable box	Add £16.00
500 3.5" Disks	£123.99	£126.99 + 5 x 100 lockable box	Add £17.50
1000 3.5" Disks	£229.99	£234.99 + 10 x 100 lockable box	Add £30.00

FREE LABELS + FREE DELIVERY BY PARCEL FORCE

NEW AMIGA A1200 PACKS

* STANDARD PACK

Wordworth 4.SE / Digital Data Store II / Turbo Calc 3.6
Digital Organiser / Personal Paint 6.4 / Photogenics 1.2
SE 2 Games: Pinball Mania - Wizz

SAVE £30

£369.99

* OFFICIAL WITH 170Mb HARD DISK
SAME AS ABOVE + SCALA 300

SAVE £30

£469.99

PLACE YOUR ORDER NOW. STOCKS ARE LIMITED

AMIGA CD32

7 GAMES PACK
Cannon Fodder, Diggers, Liberation, Oscar, Microcosm, Project X, Ultimate Body Blows.
£194.99
FREE DELIVERY

SX1 Modular Expansion	£191.99
Keyboard for CD32	£36.99
Disk Drive for CD32	£54.00
CD32 to Amiga 1200 inc software	£29.99
CD32 to Scart	£11.99
Competition Pro Pad	£15.99
Commodore Original Pad	£8.99
CD32 HiFi Lead	£11.99

Add £2 p&p for accessories

HARD DRIVES

EXTERNAL OVERDRIVE HARD DISK

Provides games and data portability to A600/A1200.

External Casing	£68	560MB	£234.99
INTERNAL 2.5" + CABLE & SOFTWARE			
80MB 2.5"	£69.99	250MB	£137.99
120MB 2.5"	£99.99	340MB	£179.99
170MB 2.5"	£124.99	520MB	£259.99
INTERNAL 3.5" + CABLE & SOFTWARE			
270MB 3.5"	£120.00	540MB 3.5"	£159.99
420MB 3.5"	£149.99	1000MB	£299.99

FREE DELIVERY

AMIGA 4000 TOWER

A4000T 040 25Mhz	£2099
A4000T 060 50Mhz	£2399

SPECIFICATIONS: A4000 Tower, 6Mb Memory, 1.7Mb Floppy Drive, 1.2 Gig SCSI Drive, Scala 300 Preinstalled

FUSION VIDEO GENLOCK

It is a high specification video genlock that is ideal for both the first time user (for adding titles, graphics & effects to home movies) & the semi professional user (wedding videos, corporate presentations..) FREE Scala HJ100 (enables you to add special effects and overlay text onto your video.
£98

AMIGA CD ROM DRIVE

Overdrive Double Speed CD	£174.99
Overdrive Quad Speed CD	£234.99
Squirrel SCSI-2 Interface	£69.99

Plugs into your PCMCIA & allows you to connect 7 SCSI devices

AMITEK HAWK RAM BOARD FOR A1200

2Mb Ram	£127	Alternative	£120
4Mb Ram	£187	Alternative	£180

A500/500+/600 RAM EXPANSION (CALL)

AMIGA CABLES

Amiga to TV Scart	£10.99
Amiga to Sony TV	£10.99
Amiga to Amiga (Parnet/Null modem)	£10.99
Modulator overhang lead 23M/23F	£11.99
Joystick Splitters	£5.99
Automatic Mouse/Joystick Cable	£13.99
Joystick Extension Lead 10ft	£5.99
Printer Lead	£4.00

NEW PRINTERS

PANASONIC 2135
24 PIN COLOUR
£169.99



All printers free lead & delivery

DOT MATRIX — 24 PIN

PANASONIC 2135 24 pin colour inc sheet feeder	£169.99
Citizen ABC 24 pin colour	£146.99
Citizen Swift 200 24 pin colour	£179.99
NEC P2Q 24 pin mono	£124.99

INK JET - DESKTOP & PORTABLE

Citizen Projet IIC Colour Inkjet	£249.99
Hewlett Packard 600 mono ink jet	£265.99
Hewlett Packard 600 colour inkjet	£289.99
Hewlett Packard 660 colour ink jet NEW	£369.99
Canon BJ30 mono inc. sheet feed	£184.99
Canon BJ70 colour ink jet	£289.99
Canon BJ200EX mono ink jet	£207.99
Canon BJ4000 colour ink jet	£289.99
Canon BJ600E colour ink jet	£412.99
Epson stylus colour	£447.99

Add £12.50 for (Ribbon; Dot Matrix only) dust cover,printer stand, 500 A4 paper when purchased with printer

INKJET CARTRIDGES AND REFILLS

HP Deskjet Black Dual Capacity Cartridge	£22.99
HP Deskjet Black Refill	£7.99
HP Deskjet 500 C /560 C Colour Cartridges	£25.99
HP Deskjet 500 C/560 C Colour Refill	£16.99
Canon BJ 10/200 Black ink Cartridges	£16.99
Canon BJ 10/200 Black ink Refill	£9.99
Citizen Project IIC Colour	£34.00
Citizen Project IIC Mono	£20.50

TOP QUALITY RIBBONS

BLACK

Amstrad DMP 2000/3000	£3.00
Amstrad DMP 4000	£3.66
Amstrad PCW8256/8512/LQ3500	£3.00
Amstrad 9512	£3.50
Citizen 120D/LSP10/Swift 24/9	£2.85
Epson LQ100	4.10
Epson LX80/86/90	£2.50
Epson LQ400/500/800/850	£3.45
Epson FX/MX/RX80/LX800	£3.45
NEC Pin Writer P2200	£3.50
Seikosha SSP1200/1600/2000	£4.00

BLACK

Panasonic KXP1123/1124/1180	£3.30
Panasonic 2135	£8.25
Panasonic KXP2123/2180	£4.00
Star LC10/20/100	£2.99
Star LC200	£3.50
Star LC2410/24200	£3.00

COLOUR

Citizen Swift 24	£12.99
Panasonic 2135/2123/2180	£13.99
Star LC10/20/100	£7.00
Star LC200	£12.30
Star LC2410/24200	£12.50

ADD £2 P&P

DUST COVERS

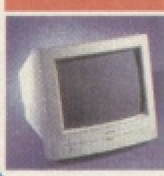
Amiga 1200/500/500P/600	£4.00
Commodore/Philips Monitors	£4.00
Star/Citizen/Panasonic Printers	£4.00

ACCESSORIES

Amiga Disk Drives (Sony 2 yrs warranty)	£54.00
Amiga Mouse (Top Quality)	£11.50
Internal Drives A500/A500+/A600/A1200	£34,£44.00
TV Modulator (2 yrs warranty)	£34.00
Deluxe Mouse Mat	£1.99
1000 Labels	£8.99
3.5" Disk Head Cleaner	£1.99
Python 1M Joystick	£8.75
Maverick 1M Joystick	£10.99

Add £2 for Delivery

MONITORS



Amitek Monitor 1084S
£189.99
WITH TILT AND SWIVEL STAND

Microvitec 1438 (Free speakers)	£279.99
Sharp TV/Monitor	£164.99
Amiga M1438S	£287.99

3.5" DELUXE LOCKABLE BOXES

50 Capacity	£4.05
100 Capacity	£4.99

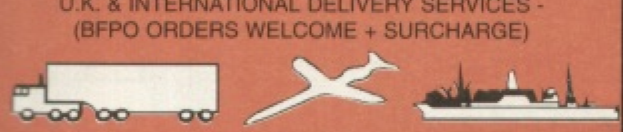
Add £2.00 P&P

3.5" STACKABLE BOXES

100 Cap drawer	£9.99
80 Cap Banx Boxes	£9.99

Add £2.00 P&P

U.K. & INTERNATIONAL DELIVERY SERVICES - (BFPO ORDERS WELCOME + SURCHARGE)



LAND AIR SEA

ALL PRICES INCLUDE VAT & DELIVERY (unless otherwise stated). Delivery within 3 days (UK MAINLAND ONLY). ADD £8.00 FOR NEXT DAY DELIVERY CALL OR SEND CHEQUES/POSTAL ORDERS TO:

GREY-TRONICS LTD, UNIT 1015 WHITGIFT CENTRE, CROYDON, SURREY CRO 1UU

SALES HELPLINE: 081-686 9973 Mail order prices only FAX: 081-686 9974

All offers subject to availability. E&OE. Prices/Pack details may change without notice. Please allow 6 working days for cheques to clear.

"If it sounds like I raved, then I've communicated successfully exactly how groovy this product is".

Ami-FileSafe

"It makes as much difference as adding some fast SCSI Zorro III controller from hell".

all quotes from Internet Review: (comp.sys.amiga.reviews)

Our German Version distributed by: Stefan Ossowskis Schatztruhe, Essen +49 201 788778

A Fourth Level Development

Ami-FileSafe
The NEW de facto standard Filing System for your Amiga

pro version

RRP £69.75 inc VAT
for larger & multi-user systems

Secure filing system No more corrupt disks when applications crash whilst writing to disk!!
Super Fast - much faster than FFS.
Instant Directory Listings
Parallel access and negligible performance loss!
Efficient use of disk space.
Large directories do not decrease operating performance.
Multi-User Filing System Support

"There's no doubt about it. This is one *SAFE* mother this Ami-FileSafe system".

available NO

Benchmarks

A3000 030 Oktagon SCSI 2

Test	FFS	AFS	Unit
DirScan	409	1780	File
CreateFile	227	1073	k/se
ReadFile	244	1363	k/se

Seek and write 4bytes (start & end
x100 53.6 Sec 4.4Sec

AFS: the Amiga Power T

"Brilliant if, like me, you use your Amiga multi-tasking capability to the max".

Fourth Level Developments Certified Amiga Developers 0117 985 4455 (6 L

Ami-FileSafe Latest User Version

now with auto FFS2AFS conversion!!

go for it today

£29.75
p&p £3

User Version Limits
Up to 650Meg on One AFS Hard drive
No MuFS
Private user licence
Otherwise as Pro-Version

Amiga Campers Branded Ami-FileSafe Products Dice V3.01

"Tried with Mail Manager again. My *GOD* it was amazing! Tossing sped up from around 500 messages/min up to 1200 o

---

Pic`n`Mix GRAPHICS

ONE WAY

POW!

Why be tied to taking "Pot Luck" when buying ClipArt? Now YOU can select **your own** preferences from the comfort of **your own home.** Choose from over 3000 images in over 40 Categories. Give yourself a break and **TRY BEFORE YOU BUY!** Available in both Scalable and Bit-Mapped formats including the popular .IFF and .CGM. All images are **128/256 Colours**....suitable for both **Colour and Mono Printers.** All images are artist drawn.......no scanned or traced images here! From 30p per Clip.

HAPPY BIRTHDAY

INK JET REFILLS

Having used Ink Jet Printers for over 5 years, we feel we are in a unique position to provide a First Class Service to all of our Customers. We supply any amount of Ink from 20 mls to 500 mls in all Colours. For Bulk Buyers we can provide single refills from as little as little as 80pence!
Trade Enquiries welcome

SELECTAFONT

Pic`n`Mix FONTS

BEEHOUSE CHILLI CHINESE HEADHUNTER STEEL INDIANAJ KEYBOARD STAR BLOCK WHARMBY WOBBLE STARS ZORRO CARPE SWINGE POSTCY Tintoret Open Ho RANSOME PEACE OREGONWET SALTER Miami ORIENTAL SHANGHAI SHRAPNEL Medusa STENCIL STRETCH TOYBLOCK WEDGIE WASHBOOK! POWERLINER OLDEWORLDE WHAT A RELIEF

Unlike some of the cheap and cheerful Font CDs doing the rounds, **our Fonts WORK!** Select from over 4000 Fonts in both **COMPUGRAPHIC & ADOBE** and leave the rest up to us. Fonts from 30p each

For Bulk Buyers we offer some very special deals with Fonts from **7p each**

We have been in business since 1991 and pioneered the Pic n Mix concept. Our service is unique with a **TECHNICAL HELPLINE** for all of our valued Customers

For your **FREE 48 Page** Information Pack, either Write, Phone, or Fax us.

SELECTAFONT (Dept CU)
84 Thorpe Road, Hawkwell, Nr Hockley, Essex. SS5 4JT

FAX: 01702 200062 VISA MasterCard **PHONE: 01702 202835**

ScreenScene





The recent merger of Time Warner Interactive and Warner Interactive Entertainment (who own Renegade - see news) begs the question: why were they seperate entities anyway? There just aren't enough good games out there on any format to justify duplication like this, even with a multinational company. Software companies need to spend money on product development not corporate philandering. Also, why has everyone been scrambling around for the last 12 months adding the title Interactive to their name? Gremlin Interactive, Sony Interactive, 21st Century Interactive Entertainment? The whole games publishing and development world has gone mad, readers. Bonkers.

Alan Dykes, Editor



PREVIEWS

REVIEWS

TIPS & GUIDES





Tracksuit Manager 2

■ Due For Release: December ■ Publisher: Alternative © 0977 797777

A quicker, easier to get around football management game is what Alternative are promising with *Tracksuit Manager 2*. From what we've seen of it so far, the loading times seem marginally quicker and the ability to call up information about any team or player in any part of the menu certainly makes it easier to get around.



▲ Tracksuit Manager 2: coming soon.

Whether it will make the game any more enjoyable remains to be seen.

As well as having all the usual reams of football management game type statistics, Alternative have spared a thought for those of you who don't like messing about with mathematical equations and would rather get on with the game instead.

They have introduced concepts like "good, very good, and poor" which saves time having to work out percentages and performance-related statistics.

The in-match commentary is there although so far it is a dodgy digitised picture of Alternative's Roger Hulley and Kevin Pickin with badly drawn speech bubbles coming out of their mouths. Hopefully, it will be tightened up by the release version. All the usual management game options should also be in the final game: buy and sell players, transfers, leagues and so on. Expect to see a full review very soon. ■

Lisa Collins



▲ Tracksuit Manager 2 aims to be very user friendly, making it easy to get any information you need at any point in the game.

Hillsea Lido

■ Due For Release: January ■ Publisher: Vulcan © 0705 670 269

It seems as though *Themepark* may have a worthy contender, in the shape of *Hillsea Lido* waiting in the wings. Vulcan Software, the people who brought you the *Valhalla* and *TimeKeepers* series, are trying their hand at something new, this time it's a seaside management simulation.

The aim of *Hillsea Lido* is simple: you start off with a small bit of beach, a promenade and a theatre. From these humble beginnings you've got to build a massive, Blackpool style, thriving seaside resort full of punter-attracting stuff such as shops and water sport facilities.

Like *Themepark* you've also got to keep the punters happy, providing them with entertainment and things to do, and make sure that they go to the show that you put on in your theatre at the end of every week.

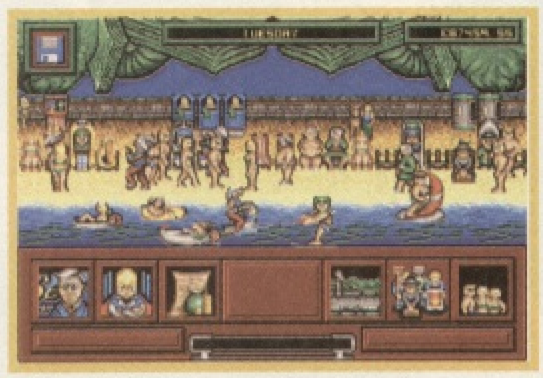
So far it all sounds like *Themepark*. A parallax scrolling game you can choose to watch your tourists enjoying themselves (sunbathing, scuba diving, paragliding) or you can go into other screens where you will be able to buy shops and funfair rides, hire staff, book or watch a show.

So far so good, it all sounds fun and the graphics look cute though not the same standard as *Themepark*. We'll just have to wait and see whether the gameplay is up to the mark. *Hillsea Lido* will be for all Amigas with 1Mb. We should be bringing you a review very soon. ■

Lisa Collins



▲ Who's that bloke in the suit in the picture here? We'll have to wait for the review copy to find out.


▲ It's a tourist's life for me: paragliding, wind surfing ... sounds just like your average Butlin's holiday, doesn't it?

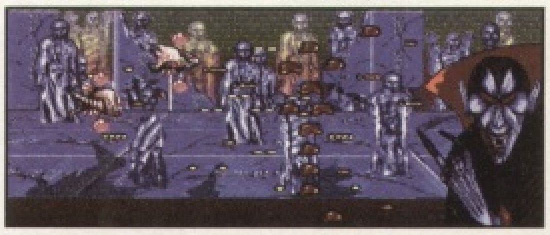


▲ You've got to produce a show in the theatre at the end of every week so a lot of time is spent advertising it.

Atrophy

■ **Due For Release: December**

■ **Publisher: Guildhall Leisure ✆ 01302 890 000**



Headache sir? Just let me drill a hole in your head to relieve the pain. Thank God medical science has progressed since then. Intersect Development, however, are reviving those days with the plot behind their new shoot 'em up *Atrophy*. The game takes place in the fevered mind of Saxon Priest, a psychotic whose brain has just been gently probed with some incision precise lasers during the course of some test experiments.

Intersect Development are busily developing a whole host of games to be released in '96. Described as a "fast and frantic shoot 'em up like never seen before", the horizontally scrolling Atrophy will be their first release, which is scheduled to appear before the end of '95. It will be published by Guildhall Leisure. .

It looks quite good so far with smooth scrolling. Borrowing from Nemesis fantasy art books, the colours are also impressive. It will be AGA only, though. Intersect are quite proud of the fact that it has only taken them four months to complete this game. Whether the short development time will reflect in the gameplay remains to be seen. ■

Lisa Collins

Penguins

■ **Due For Release: January** ■ **Publisher:tba**

The old adage 'round and round she goes, where she will stop nobody knows' applies here. Originally to be published by Rasputin, then Alternative, then back in the hands of the author, Scott Hayne, Penguins has been bouncing from publisher to publisher. Hopefully, it will find a permanent home soon because it looks like it's going to be a stonkingly good game.

A la *Lemmings* style, you've got to lead your band of merry men (well, two penguins anyway) around a maze made up of over 60 levels. It's a puzzle come platform affair where you've got to lead both of your penguins to safety. If one dies, you can't continue with the other.



▲ **Penguins is looking good so far. There are over 60 levels planned for this Lemmings alike.**

It looks good so far, the graphics are OK and it all seems fairly playable. Most of the early levels involve pressing switches and climbing up ladders. There should be a two player option as well so you can invite a friend around to join in on the fun. ■

Lisa Collins



If you haven't heard of

Championship MANAGER™ 2

buy a different mag.

Coming soon on Amiga

DOMARK®

THE WORLD's FASTEST AMIGAS ARE ON THIS PAGE!

CYBERVISION 64

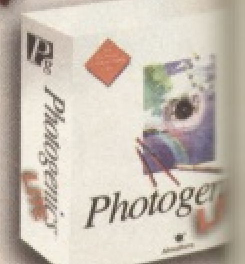
LIMITED OFFER
FREE PHOTOGENICS LITE SOFTWARE WITH CYBERVISION 64s FOR A LIMITED TIME

64–BIT ENGINE A3000/4000 24-BIT COLOUR ACCELERATED GRAPHICS CARD. For all Zorro-3 Amigas, this 64-Bit high speed graphics engine/blitter offers up to 1600 x 1200 pixels in 8-Bit colour or 1024 x 768 pixels in True 24-Bit Colour, with 2Mb of display memory (4Mb user upgradeable).

Cybervision 64... 2Mb - £329.95 4Mb - £439.95

Request your FREE Technical Brochure

FREE PhotoGenics LITE...Powerful software for image manipulation - the ULTIMATE 24-bit graphics package for A3000 or A4000! Includes 27 effects for processing photos/images such as Emboss, Solarize, Texturize, Add Noise etc. as well as Paint Tools inc. Chalk Pastels, Crayon, Felt Tips & more - Brilliant! (Packaging is shown for illustration purposes only and is not included)



THE ADVANTAGES OF OUR BOARDS ARE UNSURPASSED... Just Compare our Performance!

Standard A500/600/1500/2000	0.55/0.72
Standard A1200	1.33
Standard A4000, '030	4.43
A1200 with 1220/4, '020	5.05
A1200 with 1230-IV, '030 & 4Mb	9.91
Standard A4000, '040	19.10
A1200 with 1260, '060 & 4Mb	37.40
A1500 /2000 with 2060, '060 & 4Mb	37.40
A4000 with Cyberstorm, '060 & 4Mb	39.85

Figures shown are in MIPS and taken from comparative performance tests using SysInfo standards (1230-IV, 1260, 2060 and Cyberstorm ratings using 60 Nanosecond SIMMs).

CYBERSTORM

THE WORLD's FASTEST... NO QUESTION!

- Up to 128Mb of standard SIMMs can be installed and you can even transfer the 72Pin SIMMs from your A4000 straight onto Cyberstorm.
- Options include a SCSI-2 only module, or a SCSI-2 and combined Ethernet expansion module. *Request your FREE Technical Brochure*

The World's Fastest Amiga!
CYBERSTORM - THE FIRST FULL 68060 ACCELERATOR FOR THE A4000 *(ask for details about A3000 compatibility too).* When Cyberstorm, a 50MHz 68060 board, renders a test graphic with Imagine 2.0 software, the processing time is FAST... Just 2.45 minutes - Compare this with 10.34 mins on a standard A4000 '040/25!

Cyberstorm 68060/50
50MHz 68060, 0Mb (Expandable to 128Mb)
£PHONE!

BLIZZARD 1220/4

28MHz 68EC020 A1200 TURBO 4Mb, 32-Bit RAM Expandable to 8Mb

Multi award-winning BLIZZARD 1220/4 4Mb TURBO
Offers by far the best price/performance ratio of any A1200 32-Bit RAM expansion on the market incorporating everything a good memory board should - such as a Real Time Clock, RAM expandability, optional FPU etc. With its Motorola Processor running the 32-Bit FAST RAM at an amazing 28MHz, the 1220/4 has broken all the barriers! Check the facts for yourself and fit the BEST Amiga A1200 68EC020 Turbo Memory board available.



- Integrated 28MHz 68EC020 Clock Speed Doubler for up to 300% overall performance increase
- Factory Installed & Tested 4Mb 32-Bit FAST RAM
- Expandable to 8Mb with Blizzard Add-4 Board
- Integrated Battery Backed Real Time Clock
- Easy Trapdoor Installation
- Can be disabled in situ for full games compatibility

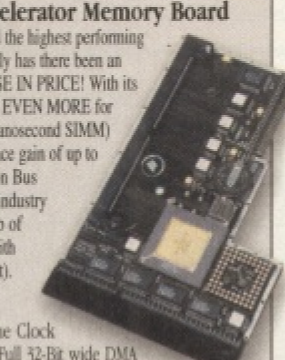
1220/4 Turbo 28MHz 68EC020 4Mb 32-Bit Fast RAM (Expandable to 8Mb)	£199.95
Add-4 Board - extra 4Mb for 1220/4 4Mb 32-Bit Fast RAM add-on	£169.95
Motorola Maths Co-processors 68882 PLCC type FPU, 25/33MHz	£Call

THE AWARD WINNING A1200 RAM EXPANSION!

BLIZZARD 1230-IV NEW...

50MHz 68030 A1200 TURBO ACCELERATOR - 0Mb Expandable to 128Mb

The Blizzard 1230-IV Turbo Accelerator Memory Board
is the successor to the market leading 1230-III and the highest performing 68030 accelerator available for the A1200! Not only has there been an INCREASE in specification, but also a DECREASE IN PRICE! With its 50MHz 68030 and MMU, the new 1230-IV offers EVEN MORE for LESS! With a SysInfo rating of 9.91 (using a 60 Nanosecond SIMM) you can see the 1230-IV is **very** fast - a performance gain of up to 500% is achieved! Options via its Fast Expansion Bus include Modules such as a SCSI-2 Controller. An industry standard SIMM socket provides for up to 128Mb of auto-configuring 32-Bit FAST RAM (or 256Mb with the SCSI-2 option including its extra SIMM socket).



- Easy Trapdoor Installation
- Battery Backed Self Recharge Real Time Clock
- High Performance DMA Expansion with Full 32-Bit wide DMA
- 68030 may be disabled with a Simple Keystroke on Boot Up allowing Full Games Compatibility - Even Badly Programed, Older Software!
- PGA FPU Socket allowing Optional 50MHz, 68882 FPU

1230-IV Turbo 50MHz 68030 & MMU 0Mb 32-Bit Fast RAM (Expandable to 128Mb) NEW... LOWER PRICE	£179.95
4Mb SIMM RAM Expansion (Fast 60 Nanosecond) 32-Bit, 72 pin (*Call for Larger SIMM prices)*	£134.95
Motorola Maths Co-processor 68882 PGA type FPU, 50MHz	£99.95
SCSI-2 Module[1] for 1230-IV Turbo (With additional 128Mb SIMM socket)	£89.95

THE WORLD's FASTEST A1200 '030 ACCELERATOR!

Blizzard products have consistently achieved the highest magazine accolades and awards! ***Amiga Shopper*** *said "In short if you want the fastest Amiga in the World, you have no option."* ***Amiga Computing*** *"...Amigas can now do anything Pentiums can"...*[9]/10 ***Amiga Format*** *"...buy one as soon as you get chance" - 95% rating*

[1]*Available 1st Quarter '96*

What the Magazines think...

1st Place Amiga Shopper Reader Awards · AMIGA FORMAT GOLD · CU AMIGA SUPERSTAR · TOP RATED · AMIGA SHOPPER Star Buy · AMIGA COMPUTING

NEW 68060 ACCELERATORS FOR THE AMIGA A1200, A1500 and A2000 RANGES

If you'd like to know how to make YOUR Amiga A1200, A1500 or A2000 as fast as any Amiga can be... ask for our free brochure which shows you how!

Blizzard products have always been at the forefront of the Amiga accelerator market and we were the first to launch 68060 boards with the amazing performance they bring. Since that launch, there have been shortages of 68060 Motorola CPUs and production output has fluctuated. Although supplies of these chips were expected to be fully on line by now, Motorola cannot meet the demand. We are assured however that by the early part of 1996 Motorola will be in a position to fulfil the market's needs and hence, Blizzard product delays (which are beyond our control) should disappear. Until then you may well ask...

Should I be tempted to buy on '040 instead?

Well, when the Blizzard '060s can be **Two or Three** times as fast yet cost as little as 25% more, why buy an '040 which offers a far lower price to performance ratio! When we considered the possibility of producing an "interim '040", we decided it was not a product worthy of development. The facts are simple, if YOU want the **FASTEST** Amiga, a 68060 is the ONLY way. Maybe you should think about reserving a Blizzard 1260 or 2060 now - stocks are bound to be limited when the mighty 68060 returns! A small wait now, but an '040 will always keep your Amiga waiting longer!

NEW... BLIZZARD 1260 Turbo[1]
For the Amiga 1200s
50MHz 68060 & MMU
0Mb 32-Bit Fast RAM,
Expandable to 64Mb
£599.95

NEW... BLIZZARD 2060 Turbo[1]
For Amiga 1500/2000s
50MHz 68060 & MMU
0Mb 32-Bit Fast RAM
(Expandable to 128Mb)
£699.95

All Blizzard and Cyberstorm products use brand new MOTOROLA 680X0 series processors (not second hand as in some of our competitors' boards). They always run **WITHIN** the electrical timing specifications laid down by Motorola to prevent any possible overheating/reliability problems. When you pay for a new 50MHz CPU for example, that's exactly what you get - not a 40, 33 or even a 25MHz CPU "clocked" to 50MHz! Look out for the **MOTOROLA MOTIVATED** logo - your guarantee of our commitment to quality and reliability - **BEWARE** of "clocked" CPUs!

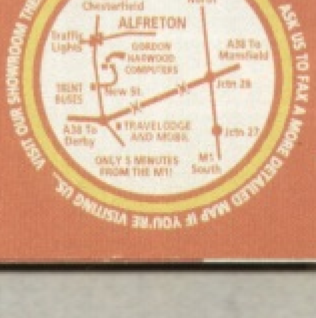
Motorola Motivated SPEED & Rating Guaranteed

gordon harwood computers
the UK's favourite Amiga Dealer

GORDON HARWOOD COMPUTERS LIMITED
Dept: CUA/B5 NEW STREET, ALFRETON, DERBYSHIRE. DE55 7BP

Tel: 01 773 836781
Fax: 01 773 831040

PLEASE CALL TO CONFIRM AVAILABILITY BEFORE MAKING A LONG JOURNEY TO VISIT US. OUR OPENING TIMES ARE... Mon-Sat, 9am until 5pm



BY PHONE: Simply call our order line. We accept VISA, Mastercard, Access, Switch, Connect, Delta AMEX and Lombard Creditcharge (most 'store cards' are Lombard eg. Dixons, Currys etc).

BY POST or FAX: Include your name, address and daytime phone number plus order details. If charging a credit/debit card include... number and expiry date (also issue number with Switch cards). Make Cheques (allow 7 days clearance prior to despatch), Bankers/Building Society Drafts or Postal Orders payable to Gordon Harwood Computers

PRICES: Please remember to confirm prices in case you are looking at an 'old' magazine. Prices can change (up or down) before the magazine's cover month has passed. Please confirm before sending orders by post.

DELIVERY: We ship promptly and offer delivery of all orders throughout Mainland UK & most products overseas. If your order is urgent we have priority despatch options with express delivery available.

EXPORT: Most items are available Worldwide, and at TAX FREE PRICES to non EC residents & overseas UK Armed Forces Personnel (with CO's document). Please call us for confirmation of prices and carriage charges.

Worms

■ Price: £29.99 ■ Publisher: Ocean © 0161 832 6633

AMIGA SUPERSTAR



Worms are not the cutest creatures to base a game on. They're not furry, they don't jump over cliffs voluntarily and they're not Norwegian. They are armed and dangerous though ...

Do You Come Here Often?

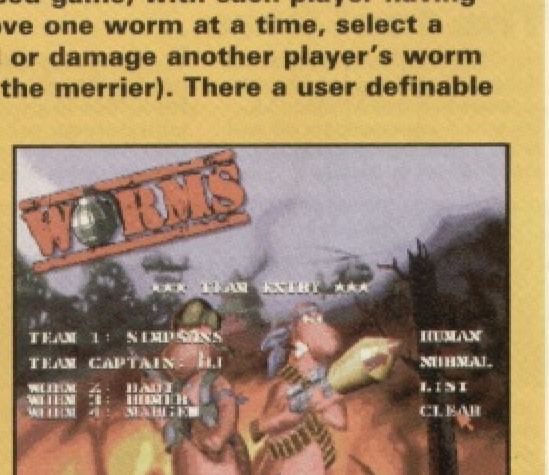
OK, OK, you should have heard of *Worms* before (we've previewed it often enough) but if not let me fill you in, briefly, on what it's all about.

Worms is based on that old gaming gem *Tanks*. Basically you and an opponent lob bombs at each other, which inflict damage dependent on how close they land to your character. But in this game you have worms instead of tanks and there are 15 weapons to choose from along with six other items of inventory which are designed to make life easier and more interesting. These include a teleporter, a bungy rope and a pneumatic drill.

You have a team of four worms and you can name this team whatever you like (up to eight characters in length). You can also name each worm. Then simply select how many human and computer players you want to play against, tweak some game options and start.

Worms is a turn based game, with each player having the opportunity to move one worm at a time, select a weapon and try to kill or damage another player's worm (or worms, the more the merrier). There a user definable time limit on each turn of 10, 20, 30 or 60 seconds.

And that's it. Simple, effective and damned good fun. It's addictive too, with the sort of gameplay that made *Lemmings* and *Cannon Fodder* what they were.



Life is never predictable, as life insurance companies never tire of telling us. One minute you're enjoying a full and varied existence, with friends, loved ones, milk and honey all around and the next minute some plonker swings down on a bungee and knocks you over a cliff. Sounds pessimistic? Well just be glad you're not a worm.

Worms is a game we actually previewed twice. Once way back in February when Team 17 were still going it alone, had just discovered *Worms* (then under the working title of Total Wormage) and it was a raw, but exciting game to play. Then, two months ago, we were presented with an almost finished version. A lot happened in the interim months. Team 17 had signed a distribution deal with Ocean that not only opened up new international territories for them, it also paved the way for what was now simply called *Worms* to be converted onto every conceivable computer and console format there is. This caused big delays though, considering that, under original plans, *Worms* was due out around Easter '95.

Has *Worms* benefited from this delay? Almost certainly. Despite what we normally say about other games machines the very fact that it's been developed across so many platforms has led to a number of enhancements which have made the Amiga version more playable. A good example would be the menu tool bar. In the original Amiga version you accessed all weapons and aids using the F keys. Fair enough if you have a good memory. But because it had to work on consoles, which don't have F keys, the tool bar was invented. When you become an experienced *Worms* player you will no doubt return to the F keys and rarely use this feature, but as a beginner it is invaluable in helping you to get to know the various options at your disposal.

The graphics have been tweaked too, though in fairness to its inventor and programmer, Andy Davidson, they haven't changed much in basic detail. Various levels like Hell (which has apparently been banned on the Playstation version 'cos Sony didn't want burning crucifixes in the game), Desert, Forest, Mars and Snow serve up massive variety. There are allegedly 4 billion possible game scenarios. There are also some hidden scenarios which, with some experimentation, will appear.

Landscapes like Snow and Mars have specific characteristics which suit the terrain: Snow is slippery, so worms will slide all over the place when hit; Mars has low gravity so they can jump much further than normal. The scrolling and parallax are as smooth as snails slime too (I mean this in a complimentary sense) – the extra time on development really does show.

The dark side

As strategy games go *Worms* can be as simple or as complicated as you like. It's not just a matter of lobbing bombs at the enemy, it's all about how you use hiding

Angles Of Fire

Some weapons are direct aiming ones, like the shotgun, the Uzi and the minigun. Others are indirect like the homing missile, grenades, cluster bombs etc. Using grenades is most like the *Tanks* games of old. You need to get the elevation angle right then push the power bar to the optimum point for a direct hit. You've also got to set the timer for the grenade ... you don't want it going off in the air half way to its target.

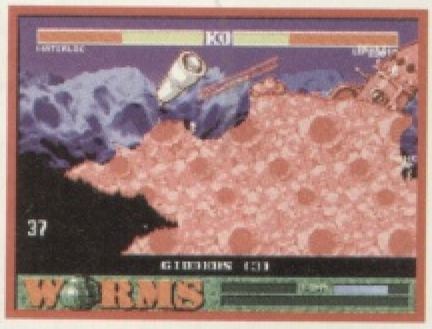
Even homing missiles aren't straightforward. The default setting gives you two homing missiles and the procedure for launching them is ostensibly simple: select the missile, point it at what you want to hit and press fire. But it's not so easy in practice. The amount of power you put into a homing missile shot will determine what angle it will hit its target at. If you want a homer to hit a worm who is hiding underneath an overhang, for instance, you will need to apply lots of power to get it to go further than its intended target and then curl back underneath the overhang to hit it.



But best fun of of all is the bazooka. Although generally a direct fire weapon you can use the bazooka as a powerful indirect fire one by using the wind direction to your advantage. If there is a strong wind (which is indicated in the left and right bars above the power bar) you can fire your bazooka shell up into the air, and the wind will curl it back and make it drop from above like a grenade. This is real show off territory: aiming the bazooka using the wind is difficult, but spectacular if you get it right.



▲ With a bang HRH's last worm joins the other little white crosses on the side of the mountain.



▲ This strategically placed girder might save Bart Simpson's life ... if it's placed right.

The tool bars ...

THE HOMING MISSILE. A close relative of the bazooka which can cause 50 points of damage for a direct hit. Although it will home in automatically you still need to be careful with the power bar. You usually only two get missiles.

THE CLUSTER BOMB. This version of the grenade splits up into five smaller bombs. While the grenade can cause 50 points of damage, each of the five cluster bombs cause a max of 30. Five cluster bombs are available.

THE UZI. Familiar fare to all gun maniacs, the Uzi has a particularly satisfying machine gun sample and can cause a lot of damage to more than one worm in the way. You need to be able to aim directly at your opponent though.

THE DRAGON BALL. Similar to the fire punch, the dragon ball doesn't involve physical contact. It sends a blue ball of light into the other worm which will knock them horizontally. Once again, useful for knocking opponents off screen.

LAND MINES. Land mines are littered throughout Worms levels but you can place more if you want. You can use them like dynamite or else place them on areas you want to protect. They cause a max of 50 points damage.



THE BAZOOKA. What fun. This can cause 50 points of damage if it's a direct hit and you can use the wind to effect its course. The bazooka will damage your own worm if he's too close to the target, though. No limit on ammunition.

THE GRENADE. This is an indirect weapon for lobbing at opponents. Grenades are not effected by wind strength or direction but you need to set the fuse (one – five seconds) and judge aiming angle and bounce. Unlimited.

THE SHOTGUN. With suitable sound effects, the shotgun is the only weapon which allows multiple shots. Two to be precise. Although each shot carries a maximum hit of 25 points it's useful for knocking worms into mines and off edges.

THE FIRE PUNCH. Fans of games like Streetfighter II will appreciate this one. To use this you stand next to another worm, select it and knock them several paces. It's most useful if you are trying to knock a worm off screen.

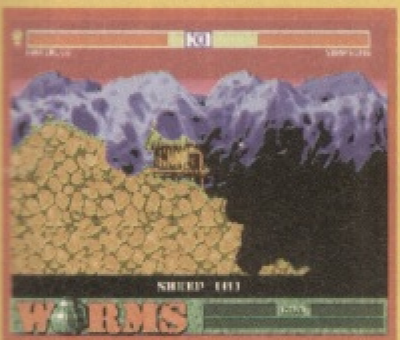
THE DYNAMITE. Tee, hee, hee! This is what a worm exclaims when you get him to drop a piece of dynamite. And with good reason. It can cause 75 points worth of damage – to your worm too unless he moves quickly.

Air Drops And Additional Weapons

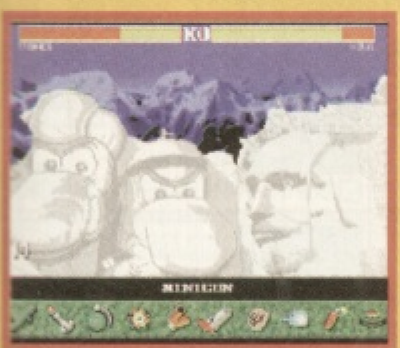
At times a crate will be dropped somewhere on a landscape by parachute. Hidden in it may be extra standard weapons, like dynamite or an air strike. But if you're lucky you might just pick up one of the following little bonus weapons of mass destruction.



SHEEP **Bomb dressed up as mutton more like! The sheep is basically a hopping, bleating stick of dynamite. It might look harmless, but point it in the right direction, let it hop to the worm you most dislike and press the space bar and it will cause immense damage. It also tops the hilarity stakes because of its excellent sample.**



BANANA BOMBS **These are roughly based on the cluster bomb but infinitely more destructive. Each banana will yield 75 points damage and should you be lucky enough to get one it could win the game for you – as long as you don't kill yourself in the process. Thrown like a grenade it is unaffected by wind.**



MINIGUN **This is, without doubt, my favourite weapon. It looks and sounds awesome and really rattles opposing worms. The big daddy of the Uzi is rare and much more destructive but using it is very addictive when you finally get one. (Left) Keef, from the Stones, threatens one of the HRH team.**

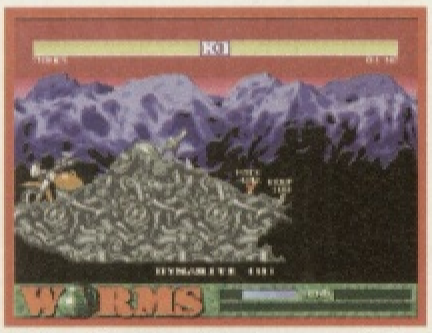
places, create safe tunnels, use the bungy, the teleporter and the girders. Team 17 have put 1000s of man hours into playtesting *Worms* and they reckon there's two ways of approaching the game: Good and Evil. If you're playing on the side of good you don't play dirty: you don't hide and you don't dig tunnels or teleport your *Worms* into difficult to reach places. Doing this is lazy, they reckon, and it's called 'The Dark Side'. Other Dark Side tactics include hiding a worm until the end of the game and then polishing off the opposition by emerging and pneumatic drilling them to death.

All of this mayhem is accompanied by ridiculously cute and funny sound samples. The A500/600 version is a bit short of these, but the A1200 is positively brimming with fun noises and statements. *Worms* shout 'oy nutter!', 'revenge' and 'I'll get you' regularly and when dynamite is dropped they giggle maniacally. Air strikes and weapons drops are accompanied by jet aircraft noises and thunder and lightning strikes every now and then.

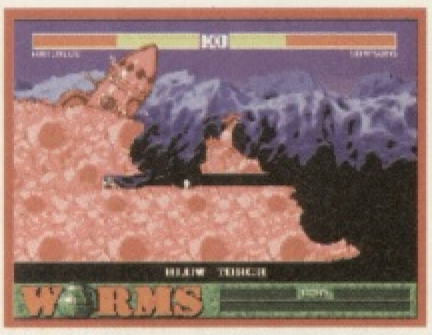
If you want a change from the English samples you could always load up German or French versions, where threats are made and fun is had in another language. This does not effect gameplay because instructions, weapons, etc don't change language but it adds to the mirth. OK, it's not Linguaphone, but you might just pick up some useful phrases. One thing to be wary of though is that while these sounds are good fun for those playing *Worms* they can get very, very annoying if you're in the background listening. If the volume is turned up you can expect a thick ear before long.

Lemmings?

Some years ago *Lemmings* took the world by storm with its relatively simple but engaging gameplay. It was often frustrating, but always funny and the big bonus was that it appealed to all ages and to both sexes. The *Lemmings* sprites were cute too. *Worms* is made from the same mould, and given that it is being distributed worldwide by Ocean it could be as successful.



▲ Drop a piece of dynamite and run away as fast as possible. Dynamite causes 75 damage points.



▲ This is the Mars scenario. OJ Simpson is, allegedly, trying to hide using the Blowtorch to bury himself.

It appeals equally to hardened games players and computer virgins because of its easy to use interface and immediately involving gameplay. If I was to make a must have-recommendation for a game this Christmas, *Worms* is it ... ■

Alan Dykes

WORMS

A500 · A500+ · A600 · A1200 · A1500 · A2000 · A3000 · A4000

workbench version	1.3+
number of disks	3
RAM	1Mb
hard disk installable	yes
graphics	89%
sound	92%
lastability	94%
playability	93%

OVERALL
And so we have a winner! Let's hear it for Worms!
94%

THE TELEPORTER. One for Star Trek fans. Two of these are supplied and they enable you to move an endangered worm to somewhere safer or to pick up weapons drops which have landed in awkward places.

THE PNEUMATIC DRILL. If you want to go digging really seriously then you need to use the pneumatic drill. This can create a pretty nifty hiding place for one of your worms, but be careful about weapons dropped from above.

THE NINJA ROPE. I'll let you in on a secret: this used to be known as the Bat Rope but Ocean, spoilsports that they are, reckoned that copyright problems would occur as a result. So we have the ninja rope instead.

SKIP YOUR GO. This nice skipping rope allows you to make the ultimate boring statement about your life and gameplay abilities. Still, there may be moments, when a worm is in hiding, that this is necessary.

I SURRENDER. If it's dinner time, if it's too late in at night or if you get really annoyed with a computer opponent then you can select surrender. Or if there's a big yellow streak all the way down your spine!



THE AIR STRIKE. You normally only get one air strike per game but it is pretty useful. Basically a big plane comes along and drops a cluster of bombs. If you do this on a bridge it will nearly annihilate it and any worms on it.

THE BLOWTORCH. This enables you to burrow into the ground, through tree trunks and up into hills. It can be used as a weapon too but only inflicts 15 points damage. Still, at the end of a game your opponent might only have ... 15 points!

THE BUNGEE. The bungee allows you to swing off the edge of hills and bridges and land softly where ever you want. In theory anyway. In practice it is rather difficult to get a bungee jump just right, and to avoid death.

THE GIRDER. Fans of Irn Bru will appreciate this one. If your worm is in a difficult position or if you need to move somewhere but the landscape won't let you, why not make your own mini bridge with a girder.

THE KAMAKAZE MOVE. Ha so! It's not very politically correct and you'll lose your own worm but hey, it's better to worm out than fade away! This move will shoot your worm through anything, even hills, to explode on impact.

EPIC MARKETING
AMIGA SOFTWARE

A powerfull set of cataloging tools. Catalogue your Record, CD, Video and disk collection with ease, and search on any aspect or field. Suitable for use with Kickstart 2 & 3 only.
Only £5.00
☐CTG5-3. CATALOGUERS

Dozens of easy to follow recipes. If your a budding Ian Beele or Floyd then this gourmett cookbook is just the thing for you. You'll be a professional in no time. *(Be sure you test your cooking on your in-laws first)* Only £3.00
☐GCB3-1. GOURMET COOKBOOK

Now the weather is Okay it's time to put on your shorts and dig the garden. Now the best way to get out of doing this is to use the excuss that you are far to busy designing the garden to actual do it!.
Only £3.00
☐GRN3-1. 3D GARDEN DESIGNER

There are over 1000 Amiga viruses currently "doing the rounds". So catching one isnt a hard thing to do. This collection of Virus killers is updated regularly, So you can be sure you'll be able to detect and kill all known viruses.
Only £4.00
☐VIP4-2. VIRUS KILLERS

If you've got a tempremental Amiga the The Engineers Kit is what you need. You can test your Drives, Your Hard disk, Memory, Keyboard, Sound chips, graphics chips, Mouse, joysticks etc....
Only £3.00
☐ENK3-1. ENGINEERS KIT

Play hundreds of classic Spectrum 48 games on your Amiga. This very easy to use Emulator will run on every Amiga. The faster your machine the faster/smoother the games run..... Games include: Skool daze, Manic miner, Little computer people, Monty mole, Startrek, The Sentinal, etc...
Pack1. (SPE5-3) Speccy em & 50 games. Only £5.00
Pack2. (SPG15-7) 100 classic games. Only £15.00
Pack3. (SPG35-33) 400 classic games. Only £35.00
Pack4. (SEH40-1) Speccy em. 50 games and tape deck interface. £40
☐SPECCY EMULATORS

Centrefold Squares is an original Adult puzzle game featuring digitized graphics. At this price, don't miss it.
Only £5.00
☐CFS5-1. CENTREFOLD SQUARES

A huge collection of top quality professionally finished 3D Lightwave objects. Includes : Soul Hunter, Delta fighter, Vorlon space craft, B5 Station, 2 jumpgates, Nebular space dust and more. Requires Lightware.
Only £7.00
☐BFO7-4. BABYLON 5 OBJECTS

Every Amiga Emulator includes emulators for : Gameboy, Commodore 64, Commodore VIC20, Various IBM emulators, Spectrum emulators, Sinclair QL, Atari ST etc.
Only £5.00
☐AEP5-3. EVERY EMULATOR

100 high quality Amiga Bitmap fonts. Suitable for use with almost any Amiga package, Including DPaint, Workbench, etc Font sizes start at 6pt upto 50pt.
Only £7.00
☐FNT7-3. FANTASTIC FONTS

Amiga Power tools includes dozens of the most usefull & most powerfull utilities available. Virus killer, text editor, Menu maker, Sound & grapghis tools, and loads more. Requires Workbench 2 or 3.
Only £5.00
☐ATC5-2. AMIGA POWER TOOLS

Our Catalogue disk contains information on over 4000 public domain disks, CD-ROM titles, Packs, and ordering information.
Only £1.00
☐CAT1-1. CATALOGUE DISK.

Professional graphics converters, can convert graphics between the Amiga, PC, Mac & Atari ST. Supports GIF, TIF, IFF, PCX, BMP etc. Kickstart 2 or recommended.
Only £5.00
☐GFC5-2. GRAPHICS CONVERTERS

Little Office consists of a powerfull Wordprocessing package, a spell checker, A diary system, a name and address database, and a powerfull spreadsheet. Compatible with all Amiga's but Workbench 2 or 3 is recommended. Only £7.00
☐IFC7-3. LITTLE OFFICE

If you like a little flutter now and then but don't like loosing real money the this is for you. The Amiga Betting shop contains four great gambling games. Roulette, Fuit machine sim, Horse racing etc.
Only £6.00
☐ABS6-4. AMIGA BETTING SHOP

Girls, Girls, Girls is packed with full colour "GIRLY" pictures. all AGA 256 colours, suitable for the A1200 or A4000.
Only £6.00
☐GRL6-3. GIRLS, GIRLS, GIRLS

Over 130 top quality colour images from the Lion King cartoon film. Each image is stored as ready to use IFF so can be imported into ANY paint or Desktop publishing package.
Only £6.00
☐LKA6-3. LION KING CLIPART

The disk doubler can ituratly double the space available on your hardisk. If you've got an 80mb drive you'll end up with over 130mb. If you've got a 320mb drive you'll end up with over 1/2gig hard disk.
Only £5.00
☐EPU5-2. DISK DOUBLER

The Professional mono clipart collection consists of 10 disks featuring hundreds of VERY high quality mono images. All the most popular subjects are included like: Xmas, Animals, Transport, People, Eyecatchers etc. Only £13.00
☐GFX13-10. PRO. MONO CLIPART

The Ultimate Chess & Tutor, suitable for any 2mb+ Amiga. Contains tons of inbuilt speech, and great graphics. Suitable for the learner of semi-pro.
Only £4.00
☐JIT4-1. CHESS & TUTOR

With this language tutor you could learn to speak either SPANISH, FRENCH, GERMAN, ITALIAN OR JAPANESE. Easy to use, and easy to understand????
Only £8.00
☐LTP8-4. LANGUAGE TUTORS

Hundreds of Very high quality professionally finished colour clip fonts for use in any Paint package. Excellent for Video work, demo making etc.
Only £5.00
☐CCF5-2. COLOUR CLIP FONTS

Get your finances in order with this unique collection of home finance software. Keep track of your monthly outgoings: Petrol, Gas, Electricity, Mortgage, Rent etc....
Only £7.00
☐FIN7-3. HOME FINANCE

Password protect you valuable Hard drive information with this extensive and easy to use Password and File encryption tool.
Only £10.00
☐PSW10-4. PASSWORD SYSTEM

Classic card games consists of around a dozen superb card games like Poker, Solitaire, Craps, Montana, Pontoon, Blackjack, Klondike, Spades, Golf, Rummy and more..... Only £10.00
☐CRD10-4. CLASSIC CARD GAMES

A six disk collection of Video titling tools, video wipes, fonts, Video titlers, Subtitle generator, Video backdrops etc..... Suitable for use stand-alone or inconjuction with Scala etc....
Only £12.00
☐VID12-6. VIDEO TITLING TOOLS

Around 100 scalable compugraphic fonts for use with Wordworth2&3, Pagestream, Workbench 2&3. High quality printout from 5point upto 100point.
Only £7.00
☐PSF7-3. COMPUGRAPHIC FONTS

Mono Pagesetter clipart contains hundreds of great mono clipart images for use in any version of Pagesetter. Subjects include: Animals, People, Transport, Hi-tech, Computers, Sports, etc....
Only £3.00
☐MPC3-1. MONO PAGESETTER CLIPS

Miscellanous colour clipart images. Around 100 in all covering: cats, dogs, cars, trees, planes, boats etc... Suitable for use in any Paint or Desktop Publishing package.
Only £9.00
☐CCP9-5. COLOUR CLIPART

Magic Workbench is an inavative replacement Workbench. Gives you a completley new 8 colour updated Workbench. A hard disk is highly recommended. Various extras disks are available seperatly.
Only £3.00
☐MWB3-1. MAGIC WORKBENCH

An updated 2 disk version.... Contains dozens of DIY hardware kits, like how to fit your A1200 into a mini tower PC case, build your own sampler, memory expansion, CD32 Link lead etc, etc.
Only £4.00
☐HWP4-2. HARDWARE PROJECTS

Contains Three superb easy to use Typing tutors for the Amiga. Suitable for the complete beginner or anyone who at the moment types with one or two fingers...
Only £3.00
☐TYP3-1. TYPING TUTORS

News maker is a simple to use colour Desktop publishing package. Import your own graphics, text etc. Compatible with all popular printer makes.
Only £4.00
☐NRL4-1. NEWS MAKER

Basically this is a 3 disk compilation of tools which should really have been on Workbench. eg: Virus Killer, Fast text editor and displayer. Menu system, File manager, A few Workbench games and more.
Only £7.00
☐SCF7-3. STUFF COMMODORE FORGOT

A new replacement 2 disk Workbench that features: Startrek Icons, Backdrops, and amusing sound samples whenever you do anything wrong.
Only £5.00
☐TNG5-2. NEXT GENERATION WB

A collection of Lottery Winners. Help your self beat the Lottery with this superb disk. Every week let your computer generate the Winning? numbers. If you play the Lottery then get this disk.......
Only £5.00
☐LWP5-1. LOTTERY WINNERS

A collection of over 100 popular and more unusual printer drivers. Supports the canon, Panasonic, Star, range of printers aswell as undreds more..... Very easy to use installation procedure.
Only £3.00
☐DRV3-1. PRINTER DRIVERS

Essential for Beginners is a collection of files essential for the smooth uninterupted use of your Amiga. All the most asked for libraries and Viewers are included like More, Muchmore, PPmore, etc
Only £2.00
☐EFB2-1. ESSENTIAL FOR BEGINNERS

A collection of essential hard drive mai... nance tools. Like: disksalve 2, HDback... Menu system, Virus Checker, and do... more.
Only £5.00
☐HDT5-2. HARDDISK TOOLS

If you've just got a new A1200 hard d... to prep & install it correctly you'll need... rect software. This software comes s... on 2 disks. The first preps & partitions... harddisk, the second install Workbench... rectly. Only £7.00
☐AHD7-2. A1200 HARD DISK INSTALLE...

An essential collection of disk recovery... vage tools for Workbench 1.3, 2 & 3. Weather a floppy of your Harddisk ha... cieved an error this package will see y... right. Easy to use.
Only £5.00
☐DRT5-2. DISK RECOVERY TOOLS

Word finder Plus is the most powerful... crossword solver available to date. Ca... anagrams, crosswords etc. contains a... nary of over 50,000 English words, an... can easily add your own.
Only £5.00
☐WFP5-2. WORD FINDER PLUS

A new two disk set of Workbench Gir... babes Backdrops all in 128 glorious co... suitable only for Workbench 3.
Only £5.00
☐WGB5-2. WORKBENCH BACKDRO...

Three Stratrek games. Includes: Star... Arcade game. Stratrek TNG, and the O... Startrek. Decompresses to SIX disks.
Only £6.00
☐STG6-3. STARTREK GAMES

Play poker with some of the most Com... and unatractive woman in the World. In... digitised graphics and speech. for Over 18 only....
Only £10.00
☐DSP10-1. DELUXE STRIP POKER

Create your own fascinating 3D magic... images with ease. This package include... Random Dot Stereogram generator and... number of ready to use images.
Only £3.00
☐RDS3-1. MAGIC EYE KIT

Text Englone V4 is the easiest to use Wordprocessor package available on th... Amiga. It even includes a compitent Spe... check feature. Suitable for all Amiga's.
Only £3.00
☐TXE3-1. TEXT ENGINE

Classic Board games includes Amiga ve... of Scrabble, Monopoly, Cluedo, Backgammon, Chess, Othello, Tiles, Ti... Toe, Cribbage etc.
Only £10.00
☐BDG10-4. CLASSIC BOARD GAMES

Arcade classics V2 contains variations... classic games like: Space Invaders, Fro... Missile command, Asteriods, Q-Berts, C... race, Centrepade etc. Suitable for any Amiga.
Only £5.00
☐ARC5-2. ARCADE CLASSICS 2

If you've just purchased your Amiga you... be a bit boggled how you use it proper... this five disk set take you through the CLI/Shell, Workbench step by step sho... you every thing you need to know,
Only £9.00
☐ABG9-5. AMIGA BEGINNERS GUIDE

Startrek Magic Workbench backdrops. An interesting 2 disk collection of Magic Workbench Startrek 8 colour backdrops If you love Startrek you'll love these.
Only £5.00
☐STB5-2. STARTREK MAGIC WB

EPIC Marketing
Victoria Centre,
138 Victoria Rd,
Swindon, Wilts.
SN1 3BU. UK

Mail Order Hotline.
E MAIL epic@epma.demon.co.uk
01793 490988
Fax Order line. 01793 514187

VISA MasterCard

The EPIC Collection CD

The EPIC Collection CD ROM contains all the above titles and hundred... more. All DMSed onto an inavative GOLD CD ROM which you can update..... (see our CD add for details) *CD100*

Available to buy Now!!!

We are open Monday - Saturday 9:30am - 5:30pm. Cheques & Postal orders accepted. For UK orders please add a total of 50p. Overseas orders please add £1.00 per title. Most orders are sent within 48 hours. All titles work on all Amiga's unless stated. E&OE

Flight of the Amazon Queen



■ Price: £39.99 ■ Publisher: Warner Interactive © 0171 391 4300

AMIGA SUPERSTAR

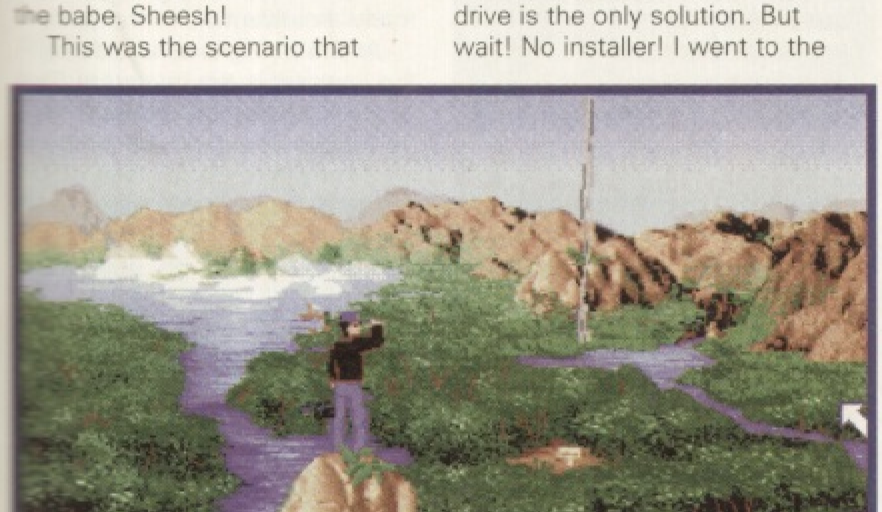
Big name graphic adventures are and thin on the ground these days. Thinner in fact than the ozone layer over the South Pole. Thankfully one has flown in for Christmas though.

Imagine this: you're a square jawed pilot with a beautiful 1940's Boeing tri-engined passenger/freight plane and you're about to airlift the most gorgeous actress in the world to the Amazon jungle for a film shoot. You'd feel pretty lucky eh? Until a guy called Anderson comes along and messes things up. He locks you in a room, puts it under armed guard and makes off with the babe. Sheesh!

This was the scenario that presented itself to me on a cold winter's morning at the office. I had a stinking cold, bad breath, my girlfriend had walked out on me and I had a dreadful hangover. Just my luck to have to review an adventure game. To top it all *Flight* comes on 11 disks ... this is one helluva way to implement copy protection. Put this baby on the 'net and it would cost more to download it off-peak than it does to buy the game itself! So a hard drive is the only solution. But wait! No installer! I went to the sandwich shop for a stiff cappucino and a hard boiled egg. Even though I don't like eggs.

Back at my desk, psyched up for the detective task in hand, things started to look brighter. Now up and running off my hard drive, *Flight* was proving to be a rather good play.

The opening problem – how to get out of the hotel room Anderson has locked you in without being slung back in by his armed henchmen minus several items of clothing is a good introduction. Not too difficult to get around, but difficult enough to tax your brain and get you in the mood for the following shenanigans in the jungle.



▲ This is one of the biggest surprises in Flight Of The Amazon Queen; a beautiful, parallax scrolling panoramic view of the various locations you can reach in the jungle.

Learning curve

The plot gets thicker as you wade into *Flight*. The whole idea of the game is that you learn more as you progress through it, in fact in the spirit of true adventure you rarely know what's going to happen next. The acquisition of objects to help you further into the adventure lead to quite an interesting series of sub-plots.

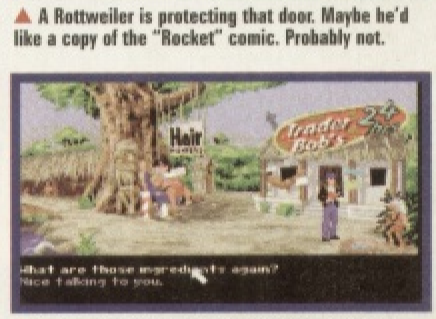
Flight Of The Amazon Queen was previewed by us way back in November 1994, when we did an interview with John Passfield and Steve Stamatiadis, otherwise known as Interactive Binary Illusions. It suffered a series of setbacks on the Amiga, despite the fact that it originally started out being programmed on this platform. It was originally due out by Easter '95: and it's here now. At the time they were promising a humourous adventure, and



▲ Even parrots can help you out in Flight Of The Amazon Queen.



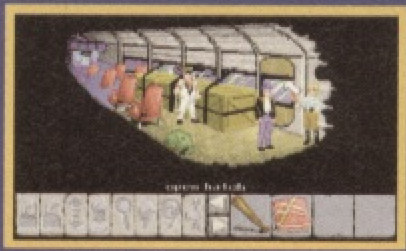
▲ A Rottweiler is protecting that door. Maybe he'd like a copy of the "Rocket" comic. Probably not.



▲ Talking to the local witch doctor will reveal a magic secret. He's a bit grumpy though.

A Quick Puzzle Solved ...

Without giving much of the game away here's a pretty obvious puzzle which needs to be solved after you've got to Brazil, but before you start the adventure in the jungle. Your plane has crashed in the middle of a pirhana infested swamp and you need to get to shore. But how?



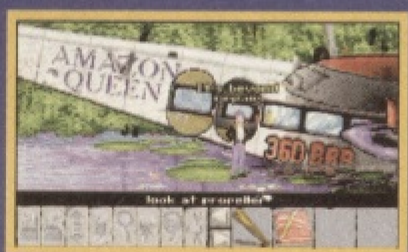
Oops, the plane's crashed and if I'm not mistaken it's half flooded. It looks as though they're in real trouble. Help! What are they going to do?



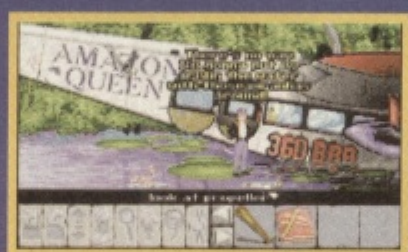
Frayed tempers and arguments on the plane make things worse. Faye is not happy and Sparky looks somewhat preoccupied.



Hmm ... these lily pads look as though they could support a man's weight. Now if only I could find something to row with.



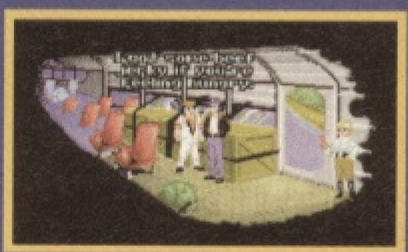
Aha! If it can no longer propel the plane through the air maybe I can use this bit of the aircraft to get Joe and the crew through the water.



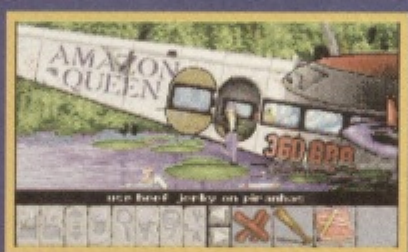
Very sensible. But not much help to me. Maybe Joe can kill them with his baseball bat? Doh. What a stupid idea.



Maybe Sparky can help. Have a chat with him. Yes, yes, very well, stop gibbering on about comics and get to the point!



Aha, this could be interesting. I'll wager those pirhana are hungry. Perhaps some of Sparky's beef will do the trick.

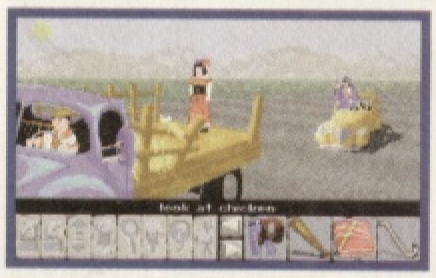


And so, the mystery is solved. Don't think you're getting off lightly here though, there's still some more items missing.

having met them I was in no doubt as to what the sense of humour would be like. Did they pull it off though (no smut intended, honest)?

A bit funny

Well, yes. *Flight* is in fact quite funny. It's very comic book style humour, drawing in-jokes from the world of adventure and sci-fi movies, mixed with some harmlessly smutty remarks. I say quite funny because unfortunately the Amiga version does not benefit from the excellent range of voices playing the parts of the various characters on the PC CD-ROM.



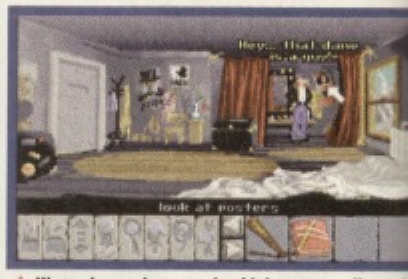


This was originally planned for the CD32 too but this version has now been scrapped, which is a pity. I've played it on PC and the voices (with Penelope Keith, of all people, included) turned it into a much more interactive experience. This is why we all really need CD-ROM drives folks!

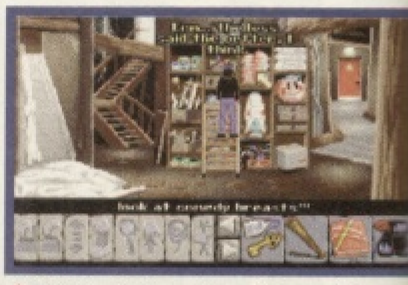
Don't get me wrong though, that's about all that's missing. The on-screen text is the same as the spoken word, and is very funny in places. The situations too are gigglesome as are some of the very odd characters you meet along the way. Like listening to Billy Connolly on a Walkman and laughing out loud on a crowded bus, it's not a good idea to play *Flight* while other people are present. Your constant sniggering will annoy the hell out of everyone else – as will your cries of frustration at not being able to solve a puzzle.

The graphics too are nearly identical to the PC version, and are impressive. All of the characters are detailed and the background scenery is superbly painted (Interactive Binary Illusions originally used DPaint for everything). There are neat, almost unnecessary touches too, like the provision of distant background horizons, barely visable, but beautiful nonetheless. In fact some of the graphic touches come as a very pleasant and unexpected surprise, breaking from the norm and giving you motion or smooth scrolling screens. Quality stuff.

Although voices are absent you do have to do a lot of talking to other characters to solve this adventure. As usual, clicking on the talk icon and then on someone (or thing) in the game will bring up a menu of phrases. The type of response you get will depend on what you say and you sometimes have to delve really deeply into a conversation to pick up an essential snippet of



▲ Hints about what you should do next are littered all over the place. You just have to interpret them.



▲ Flight is quite funny at times. Strange objects and people add to the game's appeal.

information. Joe's speech menu usually contains both straight and funny phrases, and you can seriously annoy a character by saying the wrong thing to them. Luckily you can also talk your way back out of sticky situations too.

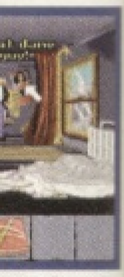
User friendly

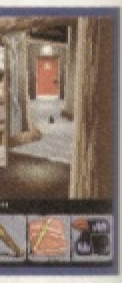
Control is by mouse, using the left and right buttons to select and use icons from the menu bar at the bottom of the screen, with the on-screen pointer as a positional aid. One thing that really puts *Flight* up on a pedestal as far as gameplay is concerned is the fact that it's not too fussy about how precisely you point at an object. Each scene has a limited number of objects which can be examined and possibly picked up and used – not too many, just a comfortable amount. But because each object has quite a wide selection field you never have any problems trying to click on it. Being too pedantic about pixel precise pointing has marred many an adventure in the past.

At the far right-hand side of the icon bar is the inventory. This is a strip that holds as many objects as you need, but only



▲ The requisite mad scientist. If you're going to write a graphic adventure don't forget to include one of these. They spice up the plot no end.





displays four at a time. If you want to make use of an object in the inventory all you have to do is select the Use icon, then the object, and point where you want to use it. *Flight* will tell you what you're proposing to do eg, "Throw the chicken at Anderson's henchmen", and then right clicking will make Joe do the deed.

Some objects in the inventory need to be combined to produce other objects and while this is not new in adventure games, the whole process is made smoother by the Use icon. You simply click on Use, then on 'item 1', whereupon a message appears saying "use 'item 1' on ...". Then you click on what you want to use it with in the inventory ie, 'item 2'. The two will then be combined and a new object icon will replace them.

Jazz and jungle

Although there is no voiceover in this version the music is good. Once again though, you'll drive neighbours mad if it is turned up all the time. The basic tune changes with situations and locations, but it has a jazzy feel to it, in keeping with the 1940's theme of the game. The background jungle sounds are good too.

In terms of difficulty *Flight* Of *The Amazon Queen* gets it about right. It's so long since I've played a decent adventure that I thought I was a bit rusty, but the logic and the humour of the puzzles brought right back into the flow of things. Although some of the problems are frustrating they never get out of hand. A quick coffee break and some lateral thinking will usually solve the situation. Indeed some of the solutions are ingeniously well planned, so once you've got there you'll feel really satisfied.

In an adventure starved world, *Flight* is a saviour. I'd rate it as the best humourous graphic adventure on Amiga since Monkey Island: but the cynics would say that there haven't been very many since then anyway. To hell with them. I like it and I've a feeling you will too. ■

Alan Dykes



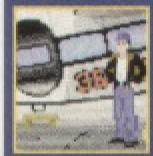
▲ John Passfield and Steve Stamadiatis the game's authors and designers in relaxed studio mode.



Why Not Talk It Over ...

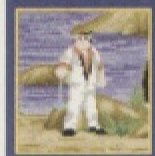
You will meet rather a lot of characters to interact with in Flight Of The Amazon Queen, some of whom are detailed below. Many are very quite forthcoming, but there are difficult ones too.

JOE KING



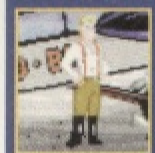
The 'hero' of the show. He's happy go lucky but it's your job to whip him into shape.

SPARKY



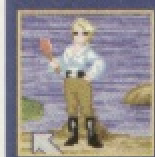
Joe's mechanic and friend. He loves comics and idle banter which he has lots of .

ANDERSON



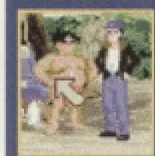
One of the bad guys. Anderson tries to steal Faye (and her money) from Joe.

FAYE



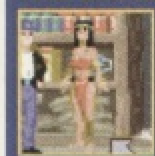
A fiesty lass and no mistake. She has a sharp tongue and an iron will.

THE LOCAL CHIEF



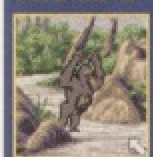
Not very easy to talk to, because he only speaks pygmy. But there's a way around this.

THE BRAZILIAN BABE



She's talkative but you'll need more than words to get what you need from her.

THE APE



The ape doesn't yield much in the way of intelligent conversation. Or does he?

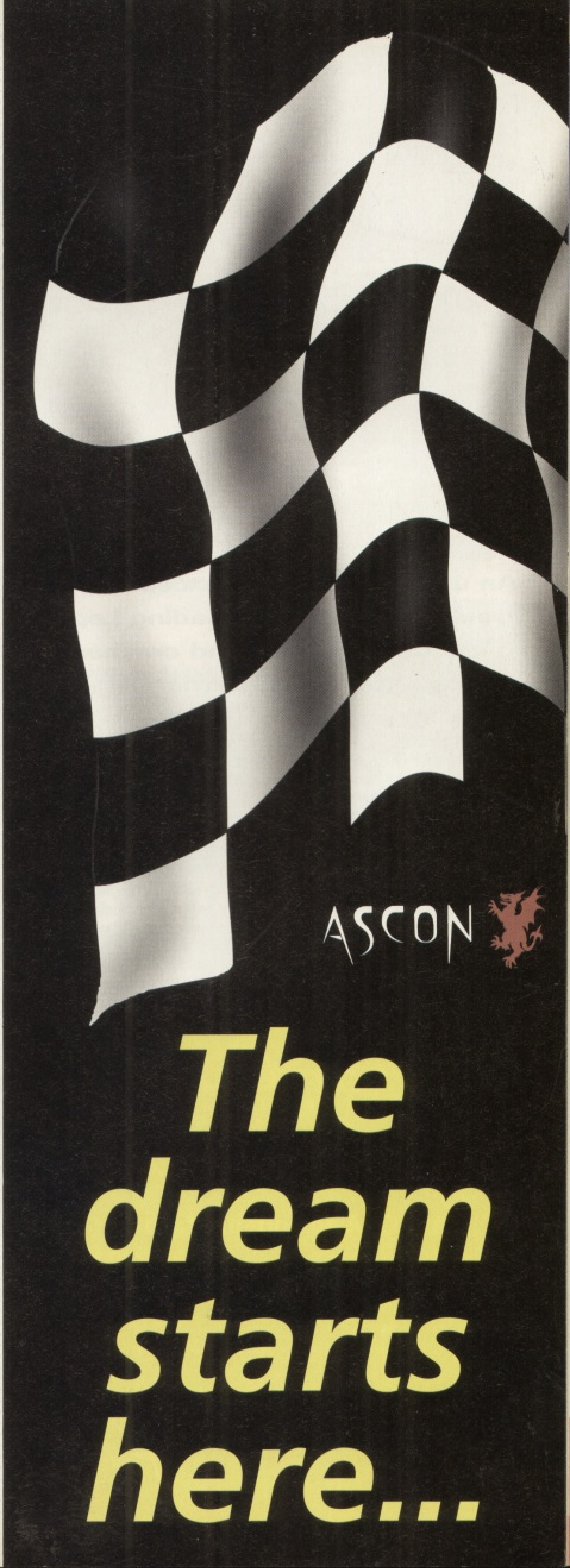
Flight of Amazon Queen

workbench version	3.0
number of disks	11
RAM	2Mb
hard disk installable	yes

A500, A500+, A600, **A1200**, A1500, A2000, A3000, **A4000**

graphics	92%
sound	87%
lastability	89%
playability	92%

OVERALL
The best fun adventure in ages.
90%



Leading Lap

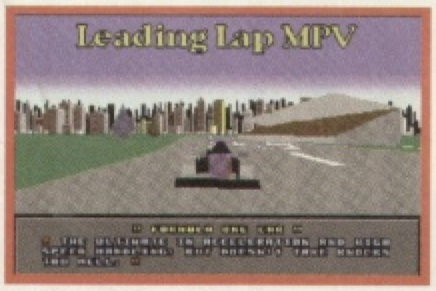


■ Price: £25.99 ■ Publisher: Black Legend© 01438 840003

An updated F1 or an excellent new track racing game? Leading Lap takes pole position and crashes through the sound barrier ...

Tony Dillon, our ex games editor left CU Amiga Magazine with images of regular hours, good pay and director's perks swirling around his head. In legal partnership with an American man called Kelly, he gave birth to his long planned brainchild: Kellion Software. And they promised some great games.

Two weeks ago a worn out, overworked, impoverished Dillon showed up at our offices, asking the price of a cup of tea in exchange for a couple of disks. He said they would change our lives – and hopefully his – forever. The disks contained *Leading Lap.*



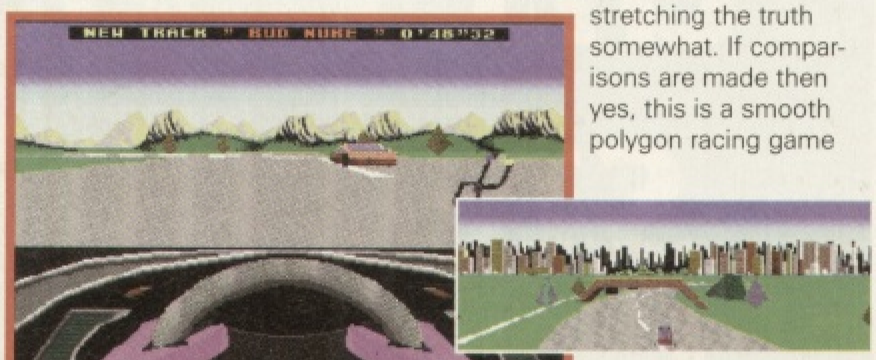
▲ The Formula 1 car is the easiest to control but is also a bit slow and flimsy.

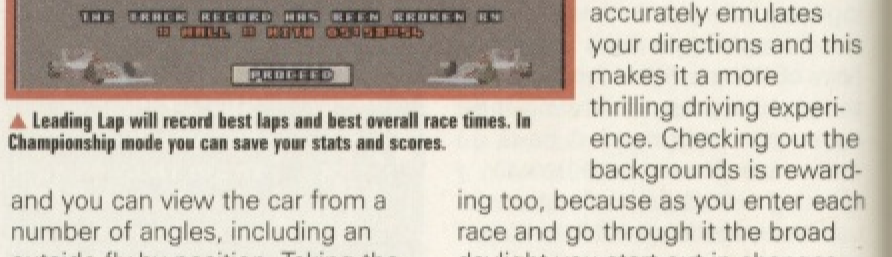
Leading Lap is designed to be an *F1* for the mid nineties. As soon as it appears on screen you immediately think: *F1*! But a quick glance back at the original is sufficient to show just how far things have come – at a price though.

This price is speed. Although *Leading Lap* looks fab, on an A1200 without acceleration it's still marginally slower than the original. Mind you, *F1* was designed to run fast on an A500, so the A1200 is a bit of a luxury. But *F1* looks dated by comparison, and the speed difference is not enough to really effect gameplay, especially when you take into account the realism offered by the graphics.

Ridge what?

The PR banter compared this game to *Ridge Racer*. This is stretching the truth somewhat. If comparisons are made then yes, this is a smooth polygon racing game





▲ Leading Lap will record best laps and best overall race times. In Championship mode you can save your stats and scores.

▲ There are lots of detail and graphics options to help you speed Leading Lap up.

and you can view the car from a number of angles, including an outside fly-by position. Taking the comparison a bit further though, its resolution and smoothness just doesn't compare nor does its detail. At all. But we are talking a 2Mb Amiga here, and *Leading Lap* is being designed to run on ECS machines too, though we haven't actually seen this version yet.

The cars have realistic up-down nose movements as they accelerate, though sideways movement is limited, ie the cars stick to the ground as befits vehicles shod with racing tyres. The spins and skids are spectacular. Especially so if you are using one of the three outside views.

These outside views give you a much broader look at the tracks and surroundings, and the game is actually playable in the fly-by mode. Difficult, but playable. Personally though I prefer the cockpit view because the steering wheel accurately emulates your directions and this makes it a more thrilling driving experience. Checking out the backgrounds is rewarding too, because as you enter each race and go through it the broad daylight you start out in changes to twilight, slowly but surely.

Serial killer

Happily a serial link up is possible and two player grudge matches are good fun. Unfortunately it's just you against the other person, the computer players don't join in. This means that the fun of serial play peters out quickly, but it's always good to return to this mode.

One other area where *Leading Lap* really excels is in the music department. Although the engine sound is a bit bumble bee-like, the brakes are great and the metal guitar sound track is as good if not better than the one in Mad Mark Sibly's Gloom. It's just such a change from the monotonous housey or semi-cabaret rubbish in most games its almost worth a Super Star award for this alone.

The Tracks:

There are 15 tracks in all. Here's a variety of them. The landscapes vary and the complexity of the tracks means that they don't get dull.



The Drivers

Like all good arcade games you have the option of choosing which driver you want to play with. The choice will influence your driving style, though apart from slight blips in stability and traction it's difficult to tell the difference. Still it's nice to have the choice.





▲ At crossroads cars will drive across straight in front of you at full speed. This adds to Leading Lap's realism.

But I'm not going to give it an award. Why? The reason is simple: depth. As a racing game it is very good. Full marks to the graphics, the difficulty level, and the modem link. The speed is acceptable on an A1200 too and on an accelerated one or an A4000 it's very good. You can turn down various graphics options to enhance performance too. But in terms of lastability, there just isn't enough long term depth. I asked Tony Dillon why there was no manual gear option and why there were no upgrades to cars etc. He replied that in his experience they weren't necessary. But I think a game needs more than just race after race to keep you busy.

I like *Leading Lap*. Technically it's great, music wise it's fab (although the engine sound does irritate) and the tracks are fun, especially when you're racing in a crowd. With a track designer promised in the coming months it's a good game if you want to race and you want realism as well. ■

Alan Dykes

LEADING LAP

- workbench version.........3.0+
- number of disks 2
- RAM...............................2Mb
- hard disk installable ......yes

A1200

graphics	91%
sound	90%
lastability	82%
playability	89%

A4000

OVERALL
Fast, fun, furious, plus serial play.
87%

POLE-POSITION
FORMULA 1 TEAM MANAGER



Build your dream team and take pole position

Sports

For more information on ASCON's high octane, testosterone charged new Formula 1 management sim call us now on 0171 372 7544, and live that dream!

ASCON

Licensed by FOCA to Fuji Television, © by Ascon (UK) Ltd., 1995

MAN FROM ESCOM PERF

HE PULLS HIGH-SPEC, LOW PRICE PACKAGE OUT OF A HAT

"Just like that", the Man from ESCOM has launched the superb AMIGA 1200 'MAGIC PACK' in ESCOM stores throughout the UK, And at such an amazingly low price, the UK's favourite home computer has never been so attractive.

Bundled with this 32-Bit wonder machine is an impressive array of software, showing off its capabilities to the full. "Those with artistic flair will love, 'Personal Paint' and 'Photogenics'. The business minded are spoilt for choice with a complete business package, and games fans can get to grips with the fantastic 'Pinball mania' and 'Whizz'."

So, it looks like your local ESCOM store and the A1200 'MAGIC PACK' offer the complete multimedia experience. Now that, as they say, is magic!



FEATURES OF VIRTUAL REALITY INCLUDE:

▪ Compatible with any standard video output ▪ Capable of displaying 2D and 3D video, PC games, movies and television ▪ Stereo sound Hi-fi quality ▪ Sold with an installation and a demonstration video tape plus a free bundle of the 10 best 3D games ▪ Lightweight for comfort



VIRTUAL REALITY ONE
VIDEO ONLY VERSION

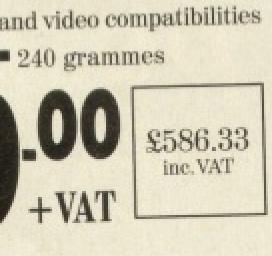
▪ Video only but with TV and video compatibilities
▪ 240 grammes

£499.00 +VAT

£586.33 inc.VAT

VIRTUAL REALITY TWO
PC VERSION

▪ PC Version
▪ 380 grammes



£799.00 +VAT

£938.83 inc.VAT

AMIGA MAGIC PACK



▪ 1 Amiga A1200 ▪ 1 Two Button Mo
▪ 1 Power Supply ▪ Workbench ▪ Kickstart
▪ 3 User Manuals.

Software Bundle inclu

▪ Digita Wordsworth
▪ Wordsworth Print Mana
▪ Digita Organiser ▪ Di
Datastore ▪ Photoge
1.2SE ▪ Personal Paint
▪ Turbocalc 3.5 ▪ W
▪ Pinball Mania

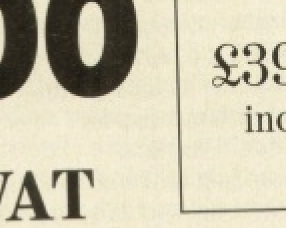
£339.00 +VAT

£398.3
inc. VAT

WOULD YOU CREDIT IT? MORE WAYS TO PAY.

Make purchasing from ESCOM even easier with our new Chargecard. Your card's unique customer number gives you priority service with flexible terms, allowing you to make payments from as little as £10 per month. You'll also receive monthly statements, keeping you up to date on your repayments, and access to our free advice technical helpline.

For further details about an ESCOM Chargecard, call into your local store.



…RFORMS MAGIC WITH A 1200

…EEN — 01224 212132
…NGTON — …Road — 01670 522044
…LESBURY — …Square Centre — 01296 338080
…NSLEY — 01226 285998
…NSTAPLE — 01271 23877
…ROW IN FURNESS — …Dalton Road — 01229 827611
…INGSTOKE — 01256 841311
…ATH — …Centre — 01225 427299
…CESTER — …, Sheep Street — 01869 325567
…ERICAY — …High Street — 01277 634774
…LINGHAM — 01642 532909

…MINGHAM — …Temple Street — 0121 643 6768
…MINGHAM (Office World) — …Road — 0121 236 9490
…LIHULL — …High Street — 0121 711 1819

…HOPS STORTFORD — 01279 654454
…CKBURN — 01254 663433
…CKPOOL (Office World) — …Retail Park, Squires Gate Lane — 01253 341791
…TCHLEY — 01908 646966
…LTON — …gate — 01204 363535
…RNEMOUTH — …Hampshire Centre — 01202 533844

…ADFORD — …Market Street — 01274 722773
…ADFORD (Office World) — …Road — 01274 743554

…NTREE — …Square — 01376 342131
…IDGEND — …Street — 01656 669177

…ISTOL — …Merchant Street — 0117 929 7976
…ISTOL — …Shopping Centre, Kingswood — 0117 947 8477
…ISTOL (Office World) — …Street — 0117 955 1489

…TON ON TRENT — …Road — 01283 740288
…RY ST EDMUNDS — …Street — 01284 762242
…NTERBURY — …Street — 01227 451644
…RDIFF — …Link — 01222 220220
…TLEFORD — …Street — 01977 556224
…ATHAM — …Centre — 01634 403363
…LMSFORD (Office World) — …The Meadows — 01245 260234
…LTENHAM — …Street — 01242 262524
…STER — …Street — 01244 316655
…STER LE STREET — …Cuthberts Walk — 0191 388 9077

CHICHESTER — 42 South Street — 01243 771299
CHIPPENHAM — 21/23 High Street — 01249 659400
CHORLEY — 61/63 Market Street — 01257 262944
COLCHESTER — 85 Culver Street East — 01206 764416

COVENTRY — 11/12 Bull Yard — 01203 229898
COVENTRY (Office World) — Alvis Retail Park, Holyhead Road — 01203 590777

CRAWLEY — 28 Queens Square — 01293 538488
CREWE — 12 The Market Centre — 01270 252281
CWMBRAN — 10 Monmouth Square — 01633 489044
DARTFORD — 24/26 High Street — 01322 271955

DERBY — 26 Audley Centre, St. Peters Street — 01332 295711
DERBY(Office World) — Unit 3, Bradshaw Retail Park — 01332 201755

DONCASTER — 24/26 Scott Lane — 01302 369599
DUDLEY (Office World) — Town Gate, Birmingham Road — 01384 235144
DURHAM — 14 Milburngate — 0191 383 2677
EASTBOURNE — Unit 30, 43 Arndale Centre — 01323 727660
EDINBURGH — 141 George Street — 0131 226 5959
ELLESMERE PORT — 35/37 Marina Port — 0151 357 3438
EPSOM — 15 The Ashley Centre — 01372 747585

EXETER — 192 High Street — 01392 490590
EXETER (Office World) — Unit 4, Stone Lane Retail Park — 01392 490753

FAREHAM — 19 Thackeray Hall — 01329 280766
FARNBOROUGH — 60 Queensmead — 01252 378755
FOLKESTONE — 68 Sandgate Road — 01303 248099
GILLINGHAM — 121 High Street — 01634 570655

GLASGOW — 100 Stockwell Street — 0141 552 7878
GLASGOW (Office World) — Barrat Industrial Estate, 34 Baird Street — 0141 552 4661

GLOUCESTER (Office World) — The Island Site, Westgate Street — 01452 331772
GOSPORT — 117 High Street — 01705 502722
GRAVESEND — 29/30 High Street — 01474 335177
GREAT YARMOUTH — 13 Market Gates Shopping Centre — 01493 331588
GRIMSBY — 13 Baxtergate, Freshney Place — 01472 267099
GUILDFORD — 36 High Street — 01483 303379
HALIFAX — Unit 30 Woolshops — 01422 345818

HARLOW — 15/19 Broad Walk — 01279 626646
HARLOW (Office World) — St. James Centre, Edinburgh Way — 01279 626855

HARTLEPOOL — 128/129 Middleton Grange — 01429 276422
HARPENDEN — 9 High Street — 01582 767277
HAVANT — 16 North Street — 01705 471022
HEMEL HEMPSTEAD — Unit 7, The Marlowes Centre — 01442 259977
HENLEY ON THAMES — 22 Market Square — 01491 412344
HEREFORD — 1/2 Commercial Street — 01432 278060
HIGH WYCOMBE — 8 Octagon Parade — 01494 472366
HORSHAM — 28 Swan Walk — 01403 263077
HULL — 36 Paragon Street — 01482 212003
IPSWICH — The Tower Ramparts Centre — 01473 217070
KETTERING — 28 The Mall, Gold Street — 01536 519900
KIDDERMINSTER — 15 Rowland Hill Centre — 01562 829661
KINGS LYNN — 19/21 Broad Street — 01553 766887
KNUTSFORD — 19 Canute Place — 01565 652611
LAKESIDE — Unit 244, Lakeside Shopping Centre, Thurrock

LEEDS — 97/99 Vicar Lane — 0113 245 4400
HEADINGLEY — 3 Arndale Centre — 0113 230 6533

LEICESTER — 20 Market Street — 0116 254 0000
LEICESTER (Office World) — Burton Street — 0116 253 6877

LEIGH — 16/18 Bradshawgate — 01942 671194
LETCHWORTH — 2/4 Commerce Way — 01462 485488

LINCOLN — Units 10/11 Sincil Street — 01522 560101
LINCOLN (Office World) — Canwick Road — 01522 540855

LIVERPOOL — 22 Lord Street — 0151 708 8181
ALLERTON — 32a Allerton Road — 0151 733 8838

GREATER LONDON

ACTON (Office World) — Western Avenue — 0181 993 9787
BARNET — Unit 11A, The Spires Centre — 0181 440 7707
BRIXTON — 373/375 Brixton Road — 0171 978 9873
BROMLEY — 195/199 High Street — 0181 466 5711
CHINGFORD — 268 Chingford Mount Road — 0181 523 7717
COLINDALE (Office World) — 339 The Hyde, Edgware Road — 0181 200 9906
CROYDON — 42 Southend — 0181 760 9988
DAGENHAM — Unit 32, The Mall, Heathway — 0181 595 9088
EAST HAM — 142/144 High Street North — 0181 471 5131
ENFIELD — 23 Church Street — 0181 363 2966
FINCHLEY — 799 High Road — 0181 445 1128
FULHAM — 417 North End Road — 0171 386 7008
GREENFORD — 44 The Broadway — 0181 575 8944
HARROW — 343 Station Road — 0181 426 0110
HOLLOWAY — 85 Seven Sisters Road — 0171 272 0500
ILFORD — 152 High Road — 0181 514 7404
ISLINGTON — 25 Upper Street — 0171 359 6448
KINGSTON — 19/23 Fife Road — 0181 974 9494
LEWISHAM — 31 Riverdale — 0181 852 6888
LOUGHTON — 221 High Road — 0181 532 1077
MILE END — 249/251 Whitechapel Road — 0171 247 8848
PADDINGTON — 310/312 Edgware Road — 0171 724 4024
PARK ROYAL (Office World) — North Circular Road — 0181 838 1178
SOUTHWARK (Office World) — 651/657 Old Kent Road — 0171 277 6966
STREATHAM — 226/228 High Road — 0181 769 8922
TOOTING — 245 Upper Tooting Road — 0181 672 5144
TOTTENHAM HALE (Office World) — Unit 8, Tottenham Hale Retail Park — 0181 493 9848
WALTHAMSTOW — 12/13 Selbourne Walk — 0181 520 8633
WEST EALING — 66 Uxbridge Road — 0181 810 0323
WOOD GREEN — 87/89 High Road — 0181 881 7399
WOOLWICH — 47/49 Powis Street — 0181 316 4037

FINANCE AVAILABLE CREDIT CARDS ACCEPTED
ALL PRODUCTS CARRY FULL WARRANTY
EXPERT FRIENDLY ADVICE
TAKE IT AWAY OR WE CAN DELIVER
TRY ANY SYSTEM BEFORE YOU BUY
LATE NIGHT OPENING THURSDAY

easyware FROM ESCOM

A UNIQUE PACKAGE THAT OFFERS YOU TOP QUALITY HARDWARE AND SOFTWARE PLUS THE KIND OF PERSONAL HELP AND ADVICE THAT MAKES CHOOSING THE RIGHT PC EASY. ALL BACKED BY A FULL SUPPORT SERVICE AND ON-SITE WARRANTIES

THE EASY WAY TO CHOOSE A PC

OPENING TIMES

…MON-FRI 9.30am-6.00pm, THURS 9.30am-8.00pm, SAT 9.00am-5.30pm
Opening times may vary from store to store.
…Check your local store for details or phone the Information Hotline on: 0990 100888

OFFICE WORLD OPENING HOURS
…MON-FRI 8.00am-8.00pm, SAT 9.00am-6.00pm, SUN 10.30am-4.30pm

…ESCOM UK LTD., 3 RIVERSIDE WAY, RIVERSIDE BUSINESS PARK, IRVINE KA11 5DJ.
TEL: 01294 222600 FAX: 01294 223200 Registered in Scotland Reg No. 137446



For total comfort and peace of mind, call into your local Escom store for all your computing needs.

ESCOM

See listing for details

LUTON — Unit 22 Arndale Centre
LUTON (Office World) — Castle Street — 01582 488642

MAIDENHEAD — 59 Nicholson Walk — 01628 779050
MAIDSTONE — 224 Chequers Centre, Water Lane — 01622 750499
MALDON — 80/82 High Street — 01621 858388

GREATER MANCHESTER

ALTRINCHAM — 72 George Street — 0161 929 8633
LEVENSHULME — 817 Stockport Road — 0161 224 6066
MANCHESTER — 12 John Dalton Street — 0161 832 3222
MIDDLETON — 21 The Arndale Centre — 0161 654 4020
SALE — 1/3 The Mall — 0161 972 0566

MANSFIELD — Unit 25, Four Seasons Centre — 01623 427450
MARGATE — 61 High Street — 01843 291233
MILTON KEYNES (Office World) — Grampian Gates, Winter Hill — 01908 231746
NANTWICH — 46 High Street — 01270 627708

NEWCASTLE UPON TYNE — 17/19 Clayton Street — 0191 230 2300
NEWCASTLE UPON TYNE — 137/139 Shields Road, Byker — 0191 265 0733

NEWPORT — 23/24 John Frost Square — 01633 244917
NEWTON AYCLIFFE — 76 Beveridge Way — 01325 312559
NORTH SHIELDS — 21 Bedford Way — 0191 257 2332

NORTHAMPTON — 25 Princes Walk — 01604 438477
NORTHAMPTON (Office World) — 67/83 Bridge Street — 01604 259088

NORWICH — Unit 22, The Castle Mall

NOTTINGHAM — 23 Listergate — 0115 941 6277
NOTTINGHAM — 4 The Elite, Queen Street — 0115 958 2100
NOTTINGHAM (Office World) — Huntingdon Street — 0115 958 8244

OXFORD (HEADINGTON) — 112 London Road — 0186 574 1585
OXFORD (Office World) — 14-16 Park End Street — 0186 572 2422

PETERLEE — 42 Yoden Way — 0191 518 1313
PONTEFRACT — 13/14 Salter Row — 01977 704459
PORT TALBOT — 101 Station Road — 01639 881211
PORTSMOUTH (Office World) — Victory Retail Park — 01705 828118

PRESTON — 14 Fishergate Centre — 01772 884121
PRESTON (Office World) — Corporation Street — 01772 887941

READING — 62 Friar Street — 01734 508588
READING (Office World) — 65 Caversham Road — 01734 580845

RIPON — 3 Moss's Arcade — 01765 608455
ROMFORD — 40/44 North Street — 01708 737837
ROTHERHAM — 18 Howard Street — 01709 372144
SCUNTHORPE — 127/131 High Street — 01724 276006
SELBY — Unit 15, Market Cross Centre — 01757 708778

SHEFFIELD — 129 Pinstone Street — 0114 279 8800
SHEFFIELD (Office World) — Eyre Street — 0114 279 6481

SHREWSBURY — 25 Charles Darwin Shopping Centre — 01743 233021

SLOUGH — 210 High Street — 01753 532626
SLOUGH (Office World) — 105 Farnham Road — 01753 535282

SOUTHAMPTON — 77 Queensway — 01703 220255
SOUTHAMPTON (Office World) — Western Esplanade — 01703 222136

SOUTHEND ON SEA — 3/5 High Street — 01702 391474
SOUTHPORT — 70 Chapel Street — 01704 500547
SPALDING — 3/7 Station Road — 01775 769669
STAFFORD — 12 Greengate Street — 01785 229300
STANLEY — 92 Front Street — 01207 232877
STEVENAGE — 84 Queensway — 01438 311161
STOKE (LONGTON) — 36 Longton Exchange (Bennett Precinct) — 01782 596002
ST. AUSTELL — Unit 23, Old Vicarage — 01726 71488
SUDBURY — 19 North Street — 01787 883833
SWANSEA (Office World) — 56 Davids Estate
TAUNTON — 12 East Street — 01823 352599
TELFORD — Unit 32 Sherwood Street — 01952 200905
UXBRIDGE — 139/140 High Street — 01895 273665
WAKEFIELD — 38 Kirkgate — 01924 373616
WALSALL — 10A The Bridge — 01922 641700
WALTHAM CROSS — 135 High Street — 01992 632828
WALTON ON THAMES — 105/107 New Zealand Avenue — 01932 269949
WARE — 23 High Street — 01920 486846

WARRINGTON — Unit 52, Golden Square
WARRINGTON (Office World) — School Brow — 01925 241311

WEYMOUTH — 22/23 St. Mary Street — 01305 789089

WIGAN — 38 Standishgate — 01942 241919
WIGAN (Office World) — Wallgate — 01942 491241

WISBECH — 12 Horsefair — 01945 466774
WOKING — 53 Commercial Way — 01483 776321
WOLVERHAMPTON — 78-79 The Mander Centre — 01902 24040
WORCESTER — 40 The Shambles — 01905 724497
WORTHING — 74/76 Montague Street — 01903 214122
YEOVIL — 48 Middle Street — 01935 411404

YORK — 11/13 Clifford Street — 01904 636333
YORK (Office World) — Foss Islands Road — 01904 655455

ESCOM HAVE OVER 200 STORES NATIONWIDE



256 GreyScale Scanners/AlfaScan 800

The ONLY 800dpi Hand Scanner for the Amiga!

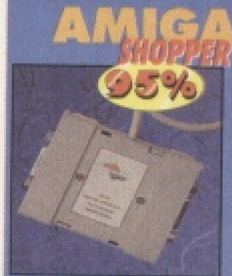
Scanner with AlfaScan Software		£89.00
with Touch-Up & Merge-It Software*		
Separately £35.00	with scanner	Add £20.00
with Junior OCR* (needs HD & 2.5MB Memory)		
Separately £25.00	with scanner	Add £10.00
with Full OCR* (needs HD & 2.5MB Memory)		
Separately £35.00	with scanner	Add £20.00
with MulitPass OCR* (needs HD & 4MB Memory)		
Separately £49.95	with scanner	Add £30.00

* max 400dpi scanning resolution

Scanner Pad £9.95

Multiface III card	£79.00
AT-Bus-2008 IDE controller	£69.00
Octogon-2008 SCSI controller	£129.00
Tandem CD & IDE controller	£69.00
AlfaPower A500 IDE controller	£99.00





Hard Drives + controller for A500(+)/A1500/A2000/A3000/A4000

80MB	£159.00
120MB	£179.00
250MB	£199.00
420MB	£229.00
540MB	£259.00
850MB	£299.00



Auto Mouse/Joystick Switch £12.95

Aiwa ACD-300
SCSI-2
CD-ROM
£169.00

IDE Quad Speed CD-ROM Drives
for A500/500+ (requires AlfaPower v6.8 + Hard Drive) £249.00
for A600/A1200 (inc CD32 emulation) £249.00
for A1500/A2000/A3000/A4000 (inc Tandem) £199.00



Crystal TrackBall £34.95

Hard Drives for A600/A1200

2.5"	60MB	£59.00	3.5"	420MB	£149.00
2.5"	80MB	£69.00	3.5"	540MB	£159.00
2.5"	100MB	£89.00	3.5"	730MB	£179.00
2.5"	120MB	£99.00	3.5"	850MB	£199.00
2.5"	170MB	£129.00			
2.5"	250MB	£169.00			
2.5"	250MB	£169.00			
2.5"	340MB	£189.00			

(includes instructions)
(and installation software)



Optical Mouse £29.95

Ram Cards/Memory

A500	512K	w/o clock	£20.00
A500+	1MB	w/o clock	£29.95
A600	1MB	w/o clock	£29.95
A1200	2MB	with clock	£119.95
A1200	4MB	with clock	£179.95
A1200	8MB	with clock	£299.95

72pin SIMMS

2MB	£69.00
4MB	£129.00
8MB	£269.00

Zip RAM
£89.95/2MB

Optical Mouse Mat £5.00

Apollo 1220 28MHz Accelerator

Give your A1200 350% Performance
Includes Clock & 28MHz FPU

1220 Bare Board	£99.95
1220 with 4MB Memory	£224.95

Amiga PSU for A500, A600 & A1200 £34.95



80 watt Speakers	£39.95
25 watt Speakers	£29.95
240 watt Speakers	£59.95



External Floppy Drive £39.95



Mega Mouse 400	£9.95
Mega Mouse Plus	£15.95

(Three button version with 8' cable
Performance **97%** A.U.I)

All prices include VAT. Please add £3.50 P&P for items under £30.00, £5.00 for items over £30.00, £8.00 P&P for Scanners & Speakers, £10.00 P&P for next day.
GoldenImage accepts Access, Visa, Cheques & Postal Orders. E&OE. Prices subject to change without notice. Goods subject to availability. Specifications subject to change without notice.

GoldenImage (UK) Ltd

Unit 65, Hallmark Trading Estate, Fourth Way, Wembley, Middx HA9 0LB

Sales Hotline No: 0181 900 9291 Fax: 0181 900 9281

Lowest Priced Top Quality Ribbons, Inkjets, Toners & Disks

Printer Ribbons

BLACK	1off	2+	5+	10+
Amstrad DMP 2000/3000	2.80	2.65	2.45	2.25
Amstrad DMP 4000	3.66	3.51	3.31	3.11
Amstrad PCW8256/8512/LQ3500	2.85	2.70	2.50	2.30
Brother M1009/1024/1109/1209	3.90	3.75	3.55	3.35
Citizen 120D/LSP10/Swift 24/9	2.85	2.70	2.50	2.30
Commodore MPS 1220/1230	4.50	4.35	4.15	3.95
Epson LQ100	4.10	3.95	3.75	3.55
Epson LQ400/500/800/850	3.45	3.30	3.10	2.90
Epson FX/MX/RX80/FX/LX800	2.90	2.75	2.55	2.35
Epson FX/MX/RX100/FX/MX1000	3.36	3.21	3.01	2.81
Epson LX80/86/90	2.12	1.97	1.77	1.67
Mannesman Tally 80/81	3.90	3.75	3.55	3.35
NEC Pinwriter P2200	3.03	2.88	2.68	2.48
OKI ML182/183/192/193/195	3.17	3.02	2.82	2.62

BLACK	1off	2+	5+
Panasonic KXP 1123/1124/1140	3.46	3.31	3.11
Panasonic KXP 1080/1180/90/1592	2.89	2.74	2.54
Panasonic KXP 2123/2180	4.95	4.80	4.60
Seikosha SL90/92/95	5.70	5.55	5.35
Star LC10/20/100	2.29	2.14	1.94
Star LC200	3.00	2.85	2.65
Star LC24-10/200	2.86	2.71	2.51
Taxan Kaga KP810/815/910/915	3.14	2.99	2.79
COLOUR			
Citizen Swift 24	11.95	11.80	11.60
Panasonic KXP2123/2180	10.63	10.48	10.28
Star LC10/20/100	6.00	5.85	5.65
Star LC200	9.78	9.63	9.43
Star LC24-10/200	9.63	9.48	9.28

Ring for Ribbons Not listed

Ring us and WE WILL BEAT all other Ribbon prices

3.5" Disks & Disks Boxes

	DS/DD	DSHD
10 Disks	£5	£6
25 Disks	£10	£11
50 Disks	£16	£18
100 Disks	£29	£33
250 Disks	£65	£76
500 Disks	£125	£148

100 Cap. Lockable Disk Box £5.99 with orders of £10+

Preformated (MS DOS) disks available at 2p extra/disk

All disks Certified 100% Error Free and INCLUDE FREE Labels.

Inkjets, Ink Refills & Toners

Canon BJ-10/20 Cartridge	17.54
Commodore MPS 1270 Cartridge	12.13
HP Deskjet Cartridge (Double Cap.)	22.00
HP Deskjet Tricolour Cartridge	26.00
HP Thinkjet/Quietjet Cartridge	12.13
HP Deskjet Ri-Colour Cartridge Refill	16.00

Inkjet Refills (Twin Packs) for Canon BJ-10/20, BJ300 ... Deskjet . Available in Black, Cyan, Magenta, Yellow, ... Blue , Brown, Light Green, Dark Green and Gold.
1 Pack £11.00, 2+ Packs, £10.60 ea. 5+ Packs £9.95 ea.

HP Laserjet II/III Toner Cartridge	40.00
HP Laserjet IIP/IIIP Toner Cartridge	45.00

Ring For Inkjets & Toners Not Listed

Miscellaneous Items

Roll 100 3.5" Disk Labels	8.99
3.5" Disk Cleaning Kit	2.99
Parallel Printer Cable (1.8m)	3.99
Mouse Mat	2.99
CPU & Monitor Dust Cover	6.49
Monitor Dust Cover	4.99
80 Column Printer Dust Cover	3.99
Amiga 500 Dust Cover	3.99
Amiga 600 Dust Cover	3.99
Amiga 1200 Dust Cover	3.99

All Prices INCLUDE VAT (@ 17.5%) & UK Delivery

01543 250377 **01543 250377**

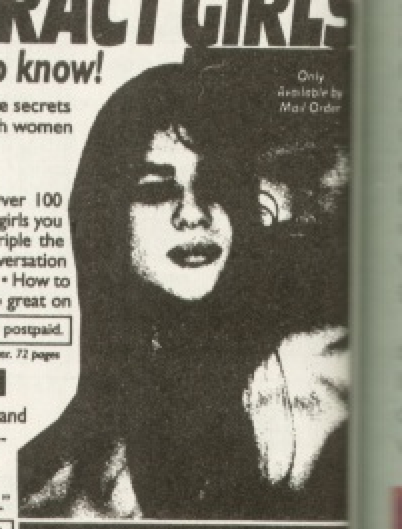
Ring us or send cheques to:
Owl Associates, Dept 392 Owl House,
5 The Brambles, Lichfield, Staffs WS14 9SE

E&OE

HOW TO ATTRACT GIRLS

EVERYTHING you need to know!

Two unique new illustrated guides, reveal all the secrets and techniques that can bring you sex-cess with women – OR YOUR MONEY BACK!



1. HOW TO PICK UP GIRLS

REVEALS: • The best pick-up techniques. • Over 100 fantastic opening lines • How to instantly attract girls you have only just met. • A simple rule that will triple the number of dates you get. • Fool-proof conversation techniques. • How to win over "hard to get" girls. • How to date exceptionally beautiful girls. • How to be so great on dates girls will want to be with you again and again – and **much, much more!** £12.95 postpaid. A4 Soft cover. 72 pages

2. HOW TO SUCCEED WITH GIRLS

REVEALS: • More brilliant "pick-up" techniques and opening lines. • How to become "sexually attractive". • Secrets that girls will never tell. • What really turns a woman on. • The art of seduction revealed. • What you need to know to be "G.I.B." (Great in Bed). – and **much, much more!** £12.95 postpaid. A4 Soft cover. 64 pages

SPECIAL OFFER! Order both these amazing guides for just £20 Postpaid.

User reports confirm success:

"Just two days after receiving your guides I picked up the most beautiful girl I had ever spoken to in my life. It was something that one week earlier would have been impossible." – D.S., London

"My only disappointment is that it's available to other men and I can't keep what I've learnt all to myself!" – D.B., Hemel Hempstead

***MONEY BACK GUARANTEE:* If your not 100% delighted you may return either guide for a full no-questions-asked refund!**

Credit card holders may phone **01534-61 71 81** (24-hr answerphone)
CASUTI LTD., PO BOX 115, 20 BRITANNIA PLACE, ST. HELIER JE4 8QQ

YES! I want to be successful with girls. I understand that if I'm not 100% satisfied with the goods I receive I may return them in good condition for a full refund. On that basis please send me:

☐ HOW TO PICK UP GIRLS – Price £12.95 inc. p&p. ☐ HOW TO SUCCEED WITH GIRLS – Price £12.95 inc. p&p.

☐ I am ordering both of the above at the special combined price of just £20 inc. p&p.

I enclose a cheque/PO for £.............. payable to CASUTI LTD. (foreign orders add £3) or debit my ACCESS/VISA/MASTERCARD Acc. No. [ ] Expires [ ]

Name...BLOCK CAPITALS PLEASE

Address...

.... Post Code.................

CASUTI LTD., PO BOX 115, 20 BRITANNIA STREET, ST. HELIER JE4 8QQ
All orders are discreetly despatched under plain cover.
CU

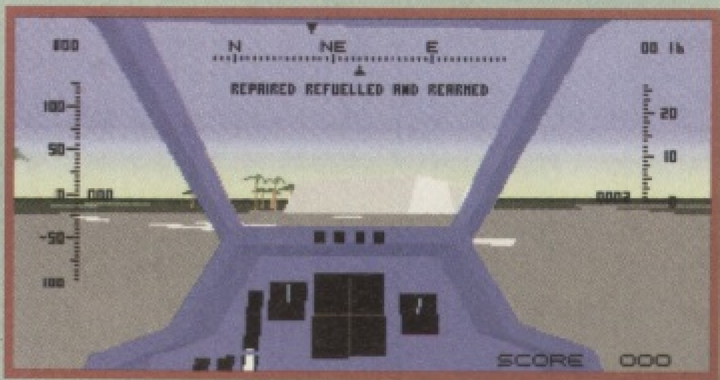
Coala

■ Price: £29.99 ■ Publisher: Empire © 0181 343 7337

Koala: small, furry, endangered marsupial prone to falling out of trees. Coala: small insignificant helicopter sim - prone to falling out of favour.



▲ Here we have the luxury of seeing our 'copter from the outside. Hmmm how very interesting.



▲ One of the game's features includes a virtual cockpit which let's you turn the pilots head around at an almost 360 degree angle.



▲ To kill anything you need to slow right down and rotate slowly. Pretty poor.

Being the kind of busy journalist superstar I am (well, lazy git) I don't have the time to wade through the kind of complex manuals that come with most simulators. So in a way it's a relief to come across something like *Coala* which, with the list of keyboard controls in front of you, you can get into straight away. But that's really as much as you can say about this game's good points.

Simulators have died on their feet in recent years. I think this is a shame as I went through a phase in the late 80s of single-handedly fighting off the red menace in subs, planes, tanks and helicopters. *Coala* is just another example of how bad things have become. There's a total lack of imagination and to make things worse, technically this game is appalling.

When I look back to sims such as F/A18 Interceptor which came out right back when the A500 was first launched and compare it to this, running on an A1200, I simply can't believe how bad this game is. It chugs along at an acceptable rate, but looks dire. The only time it comes close to looking good is on the external views and, as the game's impossible to play in those modes, that's pretty pointless.

Pear shaped

As for the playability, well, in relation to other chopper sims, this is the poor cousin who doesn't even get invited to family funerals. *Thunderhawk* (a Core Design heli-sim from a few years back) was spectacularly playable, looked fantastic and absolutely haired along. On top of that it was easy to get into and, more importantly, ran on an A500. Now I know the A1200 can't compete with a 486 PC when it comes to the 3D graphics required for simulations, but when I look back to what programmers where squeezing out of the A500 a few years back, there's no way on Earth I can accept a game like *Coala*.

In fact, the only real improvement over older sims I could find was the inclusion of a virtual cockpit. This lets you twist your pilot's head around to almost neck-snapping point to see what's going on around your 'copter. This is something PC owners have had in their flight-sims for years now and they'll tell you that it's a next-to-useless feature any way. So, including it was a bit of a wasted effort.

Even the user-friendly control system can't compensate for the fact that trying to pilot a helicopter is a bit like trying to fly a large brick through a hurricane. I'm no aviation expert, but I've seen that bloke who covers the airshows on telly presenting programs where they've got military helicopters looping-the-loop. In *Coala* you're bloody lucky if you can get the damn thing to execute a three-point lateral turn in under ten seconds. It's so unresponsive. The only real way to kill anything is by slowing right down, rotating slowly and hoping you can get your shot off before being blasted. It's pathetic.



▲ Coala doesn't compare to earlier flight sims such as Thunderhawk which looked brilliant, raced along and ran on an A500.

True irony

It's ironic, really, that your real life Koala is a small, meek mammal prone to stuffing itself on eucalyptus leaves and passing out, because that's the kind of effect this game has when you play it.

My advice to any new Amiga owner (and there should be a few out there now) is, if you want a simulation, raid some budget software libraries for a few of the games I've mentioned here. They're everything this isn't and a hell of a lot cheaper as well. ■

Mark Patterson

COALA

A500 · A500+ · A600 · A1200 · A1500 · A2000 · A3000 · A4000

workbench version	1.3 +
number of disks	1
RAM	2
hard disk installable	yes

graphics	53%
sound	74%
lastability	52%
playability	43%

OVERALL
Oh dear me, what an excuse for a flight simulation.
45%

Dungeon Master II



The legend of Skullkeep

■ Price: £44.99 ■ Publisher: Interplay ✆ 01235 821666

Many years after leaving the eerie half-light that was Dungeon Master, the first true classic RPG returns in a new guise. Or does it?

Has time slipped by that quickly? Can it really be that long since the original *Dungeon Master* emerged from its labyrinthian manhole cover? Well, actually it is. It first arrived on the Amiga in 1988 and I remember sprinting down to my local house of games with a view to buying it. The devastating news on arrival was that to run it on an A500 you needed to expand an extra 512k to give you 1Mb. However, some bright spark decided that boxing a half meg expansion with a copy of the game for £44.99 would do the trick. They were right and *DM*'s huge popularity was the reason most punters upgraded.

That was then

Dungeon Master was a veritable revolution in games engineering with its point-and-click control and animated creatures. At the time no one had seen a title where you could actually draw a throwing star, or some other nasty sharp object from your backpack and then simultaneously throw it at the poor wandering beast that just happened to get in your team's way. Mouths gaped, electricity bills mounted and insomniacs discussed tactics during the few hours they allowed themselves to interact with normal humanity.

DM's impact on the industry can never be understated. Look at the quantity of *Dungeon Master* clones which followed in its footprints, unashamedly copying every technique employed in the game.



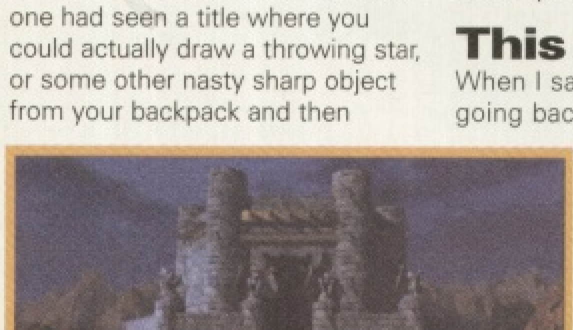
▲ What's this er ... vertically challenged person up to?



▲ This one looks like he's been on one fad diet too many. And he's not too happy about.

This is now

When I saw this game, it was like going back in time. It was a totally retro experience because despite the years that have slipped by, nothing seemeddifferent. In fact I had to check myself in the mirror to make sure I hadn't fallen through some bizarre hole in the time-space continuum and regressed to my teens!



▲ The Skullkeep castle on a rainy day. How's that for atmosphere?

So OK, joking aside, why wasn't I impressed? Well, there's no real point moaning about the plot because apart from the point of the quest there's little difference betwixt DM2 and any other RPG. The overall object is to assemble a team of adventurers, find the bits to this Zo-link machine and use it on some nasty bloke with megalomaniacal intentions.

My main bone of contention, on first examination, was how similar the graphics are between the old and the new. The adage 'if it ain't broke don't fix it' normally applies, but this has been about eight years.

OK, some of the game features 'up-top' sections that allow adventurers to quest overland. Oh, it rains too and the odd flash of lightening illuminates the night sky, but basically everything looks a trifle samey in the graphics department.

The big selling point of Skullkeep is the implementation of intelligent monsters that respond and act upon your decisions and your level of force. Good idea, you'd think, but you never really get to interact to a much higher level with them than to try and orphan their slimy offspring with your axe of sterility.

Summing up, I'm very sad that *Dungeon Master 2* is a let-down and the rationale behind why it's a let-down is simple; it's too dated. Diehards of the genre (or *DM* fan club members) might still get a slight movement in their scabbards because of the extensions to the magic system, but to us normal mortals, you might as well hack your way around the original. ■

Simon Clays

DUNGEON MASTER II

workbench version	1.3
number of disks	6
RAM	2Mb
hard disk installable	yes

graphics	70%
sound	79%
lastability	81%
playability	71%

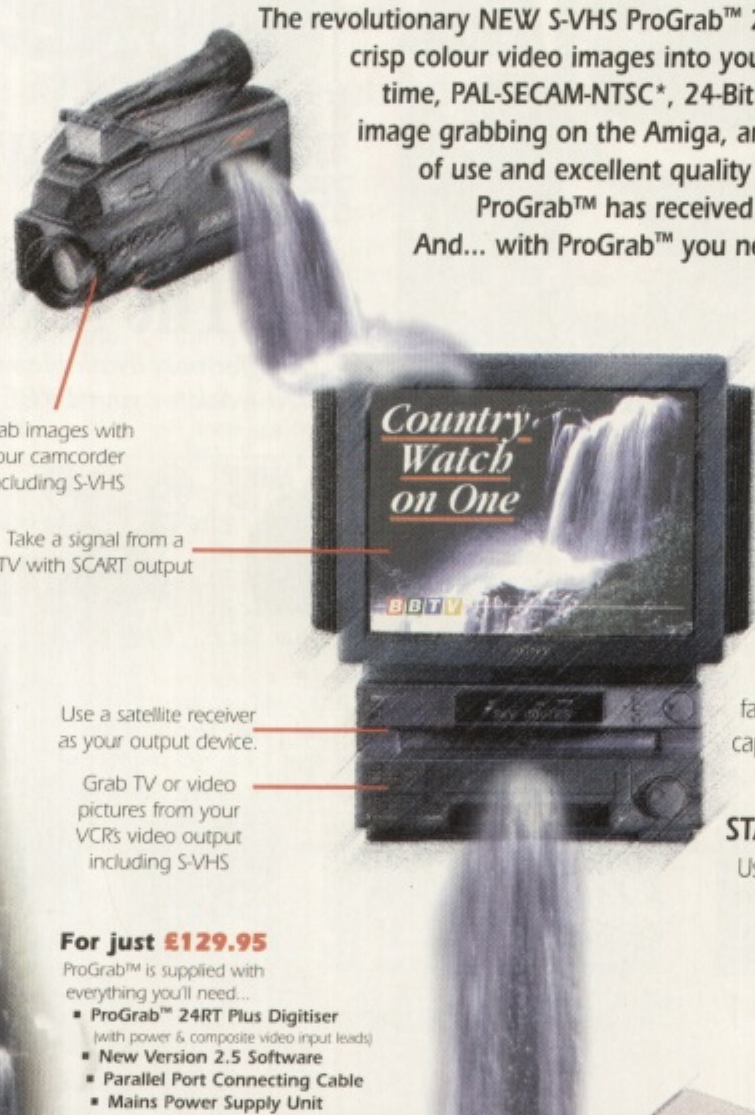
A1200 A2000 A3000 A4000

OVERALL: A disappointment. For real die-hard RPG lovers only. **59%**

The Fall & Rise in Amiga Frame Grabbing...

ProGrab™ has caused a Real Fall in the Price of Quality Frame Grabbing - the Rise in Standards speak for themselves!

The revolutionary NEW S-VHS ProGrab™ 24RT Plus, with Teletext, is not only the best way to get crisp colour video images into your Amiga, it also costs less than any of its rivals. This real time, PAL-SECAM-NTSC*, 24-Bit colour frame grabber/digitiser has slashed the price of image grabbing on the Amiga, and at the same time has received rave reviews for its ease of use and excellent quality results. ProGrab Plus™ is now S-VHS compatible too!
ProGrab™ has received honours from just about every Amiga magazine!
And... with ProGrab™ you needn't be an expert in Amiga Video Technology either...
A simple 3 stage operation ensures the right results - Real Time, after time.



Grab images with your camcorder including S-VHS

Take a signal from a TV with SCART output

Use a satellite receiver as your output device.

Grab TV or video pictures from your VCR's video output including S-VHS

STAGE 1...

Select any video source with S-VHS or composite output. This could be your camcorder, TV with SCART output, satellite receiver, domestic VCR/player or standard TV signal passing through your VCR/player... the choice is yours.

STAGE 2...

With ProGrab's software, select an image you wish to capture using the on screen preview window - and Grab (because the hardware grabs frames in real time, there's no need for a freeze frame facility on the source device). ProGrab™ even includes a Teletext viewing/capturing facility from either TV or satellite sources. Once grabbed, simply download and view the full image on your Amiga screen.

STAGE 3...

Use the image with your favourite word processor, DTP or graphics package.

ProGrab™... supports all recent Amigas and is also fully AGA Chipset compatible. You can even work in the new graphics modes up to 1472 x 512 pixels in HAM 8 (Amiga RAM permitting). Images can be saved in 24-Bit, 16.7 million colours.

ProGrab™... supports IFF, ILBM, ILBM24, Clipboard, JPEG, BMP, PCX, TIFF, ProGrab™ File or Anim5 File output formats. All these formats can now also be read into ProGrab™ directly too. A range of image processing effects, palette computing routines (AGA only) and dithering methods are also new to ProGrab™ V2.5. Photogenics fully supports ProGrab with a custom 'Loader' to enable grabs directly from within the program - saving YOU time!

ProGrab™... software has built in mono and colour animation facilities. The number of frames is dependant upon your Amiga's RAM.

ProGrab™... Release 2.5 software now includes...
- Support for Virtual Memory... allows the highest resolutions - even with low memory Amigas (all Hard Drive Systems without the need for an MMU, requiring just 1Mb. Hard Drive Space).
- Additional Teletext Facilities... Now available with Terrestrial TV signals too.
- Larger Preview Window... Double resolution & 4 times the area
- International Support... Now works with composite PAL, SECAM and NTSC straight from the box.

For just £129.95

ProGrab™ is supplied with everything you'll need...
- **ProGrab™ 24RT Plus Digitiser** (with power & composite video input leads)
- **New Version 2.5 Software**
- **Parallel Port Connecting Cable**
- **Mains Power Supply Unit**

ProGrabs™ optional PCMCIA Interface can extend performance even more for the serious/professional user.
- **PCMCIA Interface for A600's and A1200's only £29.95** giving FASTER operation...
- Faster Downloading Times (up to FIVE times quicker)
- Improved animation speeds of up to 11fps (mono) and 3.5fps (colour)
- New sound sampling and animation capabilities (separate sound sampler required)
- Save animations direct to your Amiga's hard drive

Pro-GRAB™ S-VHS 24RT Plus

ProGrab™ **really does** make it that simple!

ProGrab™ supports any Amiga with Kickstart 2.04 or later and 1.5Mb. free RAM.



ProGrab™ has just been voted as The Best Video Hardware product for the Amiga. This is especially pleasing because the award comes from the magazine's readers - our satisfied customers!

ProGrab™ boasts a 92% Gold rating by Amiga Format with comments like..."ProGrab hardware is top notch" and "For sheer value for money, ProGrab cannot be beaten"

CU Amiga's rating of 86% said ProGrab™ is... "Just the job for beginners and semi-professionals on a tight budget" and, "very hard to beat. For the money, nothing can touch it"

Now compatible with both VHS and S-VHS!

*Standard ProGrab™ hardware is PAL/SECAM/NTSC compatible - interlace mode options available with PAL & SECAM only. NTSC Only models are available to special order which then support the interlace mode fully. Please ask us for full details.

For more information or to get **your** hands on the NEW ProGrab Plus™, call our sales line on...

01 773 836781

...or Post/FAX your requirements on the order form provided to...

gordon harwood computers
the UK's favourite Amiga Dealer
Gordon Harwood Computers Limited.
New Street, Alfreton, Derbyshire DE55 7BP.
Tel: 01 773 836781 Fax: 01 773 831040

Mr/Mrs/Miss/Ms:	Initial(s):	Surname:
Address:		
County (Country):	Postcode:	
Daytime Phone:	Evening Phone:	

Please rush me... __ ProGrab Plus™ @ £129.95 inc. p&p £___:__
__ PCMCIA Interface @ £29.95 inc. p&p £___:__
__ Optional FAST Courier Service Delivery £ 6:95
(Overseas customers - please call for prices etc.) TOTAL £___:__

Existing ProGrab users, Upgrade to Software Version 2.5 @ £4.95 inc. p&p please tick ☐

Card holder's signature:

Card No:

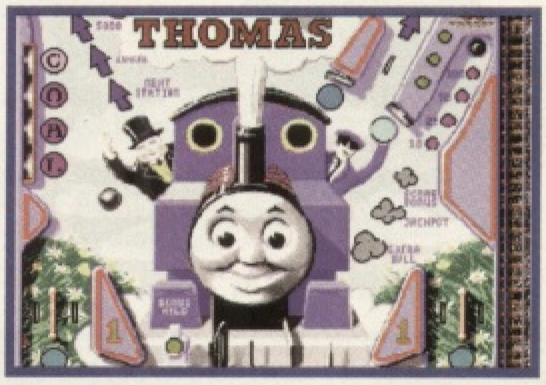
Expiry Date: Issue No (Switch Only): Dept: CUa

Cheque/Bank Draft/Postal Order for £_____:__ payable to Gordon Harwood Computers Limited...

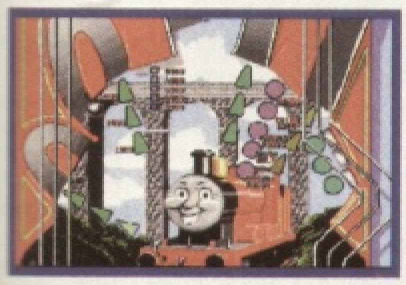

1 Rowlandson Close,Leicester, Leicestershire. LE4 2SE
Telephone 0116 234 0682 Fax 0116 236 4932
Email sales@weirdscience.co.uk or tech@weirdscience.co.uk
FREE
With Every Order
Worth £19.95
The Assassins CD
Offer only available whilst stocks last
Please ask for your FREE CD when ordering
NEW TITLES
The Assassins
Ultimate Games Volume 2
Comprises of hundreds of games for the CD32, CDTV and Amiga range of computers. All of the games are accessed via an easy to use menu system. Also included on this CD are the entire Assassins floppy disks 1 to 250, 60 packed utility disks and other various games disks. The games on the Assassins CD Volume 2 are not repeated from the first CD, but are all new games with full instructions for the games accessed from the menu system. This CD has been tested on the CD32, CDTV, Zappo, Power Drive and Amiga 4000. The CD contains over 600 games and compatibility is clearly stated for each game on the CD, (400+ for CDTV, 500+ for CD32 and 600+ for the Amiga 1200.) All this and more for only......................
£ 19.95 (and get Assassins CD 1 FREE)
Network CD 2
Network CD has been long recognised as the definitive way to join a CD32 to an Amiga, with a plethora of aimed at the transfer of information between the two machines. It enables the access of compact discs on the Amiga by using the CD32 as a slave drive. With the release of Network CD 2, Weird Science are proud to announce that the networking of the CD32 to an Amiga is about to change beyond all recognition, with emphasis purely on speed and ease of use. Network CD 2 provides a new easy one button set-up of any of the tools on both the CD32 and the Amiga. Sernet now runs at far higher speeds than ever before and includes keyboard and mouse emulation from the Amiga. Twin Express can now be controlled by Directory Opus 4.12 (not included.) Every aspect of the original CD has improved with many more features than described here.
£ 14.99
CD32 cables are £ 24.99
Parnet cables are £ 9.99
Aminet Set 1 £ 29.95
UPD Gold £ 29.95
UPD Gold contains the entire United Public Domain Library on four CDs and consists of over 4,800 floppy disks.........
Buy Both Aminet Set & UPD Gold for Only £ 39.90
Speccy CD 2 £ 19.95
New Release Arriving October
CBM 64 CD £ 19.95
LSD CD 3 £ 19.95
5th Dimension £ 19.95
Global Experience £ 24.99
Aminet 3 & 4 £ 7.99 each
Aminet 6 & 7 £ 14.99 each
Aminet 8 £ 14.99
Meeting Pearls 2 £ 9.99
New Release Arriving November
Meeting Pearls 3 £ 9.99
GFX Sensations 1 £ 19.95
New Release Arriving October
GFX Sensations 2 £ 19.95
Desktop Video £ 12.99
Zoom CD £ 14.95
LSD CD 1 & 2 £ 14.95 each
Euroscene 1 £ 9.99
Euroscene 2 £ 9.99
Multimedia Toolkit £ 9.99
Multimedia Toolkit 2 £ 19.95
Weird Science Collection
Sounds Terrific £ 19.95 (2 CDs)
Fonts CD £ 9.99
Clip Art CD £ 9.99
Lightrom £ 29.95
3D Illusionns £ 19.95
Demomania £ 9.99
CAM £ 14.99 (2 CDs)
Amos PD CD Ver. 2 £ 19.95
Animations CD £ 19.95 Double CD of animations
17 Bit Phase 4 £ 14.95
Grolier 2 £ 19.95
Dinosaurs CD £ 19.95
CDPD 4 £ 14.95
Hottest 4 & 5 £ 14.95 each
Weird Science
Access, Visa & Switch Welcome
UK Postage is £ 1.00 for the 1st item and 50p each item there after.
Overseas postage is double.

Thomas the Tank Engine Pinball

■ Price: £16.99 ■ Publisher: Alternative Software © 01977 797777



Where's Ringo? The only thing missing in this conversion of the children's TV programme Thomas The Tank engine to a pinball game is the ex Beatle's sexy northern drawl. The cute choo–choos are there complete with resplendent graphics and indigenous sound effects. But no Ringo. This omission aside it's still a good game anyway.



Obviously aimed at the younger ones amongst us, Thomas is wonderfully simple to play. The shift keys act as your flippers, the space bar is tilt and the down cursor key is the spring which you use to catapult your ball onto the table. There are four tables in all and each one is based on the train characters from the cartoon series: Percy, Thomas, James and Toby.

Designed by, the same company that made *Pinball Mania*, Spidersoft, each table comes with all the necessary pinball sundries: flashing lights, mushrooms, kickers, multi bonus pickups, passages, ramps, tunnels... it's all there albeit in slightly less sophisticated form. For example, to pick up extra points you have to light up all the letters to complete simple words such as 'steam'. You can also make sure you aim the ball towards the letter you want by cycling through any unlit letters using the shift keys.

There are other concessions to the age group that the game is aimed at. Unlike games such as *Pinball Mania* there are only two flippers rather than four and there aren't any side gutters for the ball to go down, so the only way to lose the ball is through the flippers. The flippers could do with some power though.

Thomas a good pinball game but one that's really for kids. It's the type of game they get at Christmas but don't get a chance to play because all the adults hog it. Luckily, this isn't too much of a problem because it allows up to eight players to join in. ■

Lisa Collins

70 %

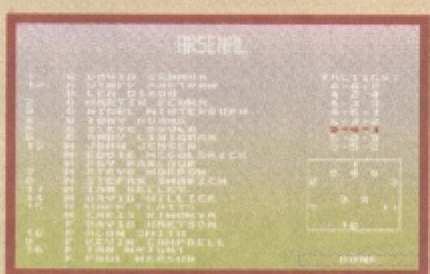
Team

■ Price: £29.95 ■ Publisher: Impact Software © 01280 850450



Football may be the sporting life-blood of this country, but in this case it's more of a haemorrhage ...

Since the arrival of *Sensi World Of Soccer*, it seems as though developers have pretty much given up trying to produce a game to beat it. Instead, you get what happens here, something which attempts to emulate it but, like so many other attempts, blasts wide past the post and ends up with its head in its hand.



The similarities between this and *SWOS* are obvious from the moment you start playing. The graphics are incredibly similar, although with larger sprites – a potential one-up over *Sensi* if ever there was. However, whether it's because the Sensi boys are complete lunatics and just have a lot more fun when they write games, or because *Team*'s programmers just weren't up to the task, this game just feels so flat when you play it.

The action, like the gameplay doesn't flow as well as it should. Whether you're trying to dribble the ball or pass up-field the game just doesn't feel good to play. It's a hard thing to quantify, but it's something anyone who plays games will understand.



Unfortunately, because the presentation is kept to a minimum and the graphics are really nothing to shout about, there aren't any other features to mask this, so consequently you can't help but feel let down and soon find yourself reaching for the *Sensi Soccer* disks. In my case, these usually live on top of my Amiga.

I admire anyone who's brash enough to attempt to take on the mother of all footy games.

What I don't admire is when something like this comes along and can't even match up to *Kick Off 2* which, if my failing memory serves, is somewhere in the region of five years old now. It's not a terrible game, just pointless when you consider what's available elsewhere.

Sorry, but this disk won't be tackling my Amiga again. ■

Mark Patterson

75 %



MAKES YOUR AMIGA MORE THAN 2 TIMES FASTER - 2.88 MIPS

PRICES FROM £59.99

2 YEAR WARRANTY | MONEY BACK GUARANTEE | FREE UK DELIVERY

MAGNUM RAM8

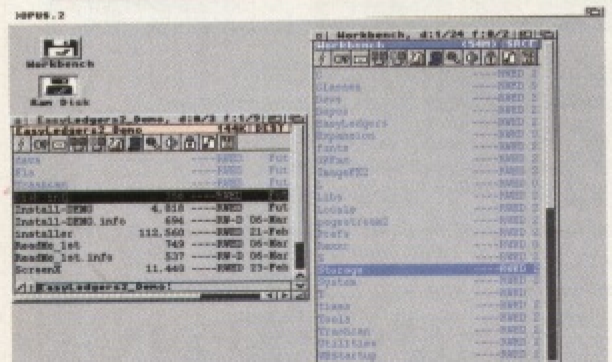
A1200 8 MB RAM Accelerator

- Available with 0, 2, 4, 8MB of 32-bit RAM installed
- Uses Standard 72-pin Simms
- Optional PLCC Type FPU (Floating Point Unit)
- Battery Backed Clock/Calender
- Installs in Minutes
- 0-4MB - PCMCIA compatible (for use with Overdrive, Squirrel etc.)
- Zero Waite State Design
- 2 Year Warranty

	No FPU	33MHz FPU
0MB	£59.99	£99.
2MB	£119.99	£159.
4MB	£179.99	£219.
8MB	£299.99	£339.

33MHz FPU

An FPU dramatically increases the speed of mathematical calculations (by up to 127 tim... and we would recommend it for users of graphical applications such as Image FX, Lightw... Vista Pro, Imagine etc. Our FPU pack comes with the timing crystal and is compatible w... most A1200 RAM/Processor Accelerators such as our Apollo/Magnum design, Ham... Blizzard and Viper. If bought independent of our board the price is £44.



DIRECTORY OPUS 5

Advanced File Management Software for all Amigas

Over the past 6 years, Directory Opus has become established as the most popular directory utility on the Amiga. With the new Opus 5, the tradition continues. Smaller, faster and more efficient than ever before, Opus 5 harnesses the power of object orientated multitasking design like never before. Put simply, Opus 5 is now the most powerful hard drive and file management utility ever!

- Redesigned and rewritten from ground up. Much faster more efficient and many new revolutionary features.
- New interface with more meaningful control and useful power. Amiga Style Guide compliant ensures clearer communication of information and greater control.
- Unlimited number of fully independent file display windows and button banks. Buttons can be defined from text or graphics.
- Multiple configuration editors - which can be used whilst performing other tasks!
- Internal multitasking allowing you to perform multiple operations simultaneously.
- AmigaGuide On-Line Help
- Advanced file type recognition system including datatype support
- Extensive 'Drag 'n' Drop' throughout the program
- Advanced ARexx support
- Can even replace & enhance Workbench!

2 YEAR WARRANTY | FREE UK DELIVERY

VERSION 5.11 NOW SHIPPING CALL ABOUT UPDATES FROM 5.0 AND 4.

AMIGA GOLD FORMAT

£49.99

Workbench 2+ & Hard Disk Required

SATURN

External 1Mb Floppy Drive for all Amigas



- Compatible with ALL Amigas
- High Quality SONY Drive
- Robust Metal Case
- Anti-Click as Standard
- Enable/Disable Switch
- Low Power Consumption
- Thru Port for Extra Drives
- 2 Year Warranty

FREE UK DELIVERY | 2 YEAR WARRANTY | MONEY BACK GUARANTEE

£49.99

ENTERPRISE

DeskTop Workstations for all Amigas



Available in 3 sizes

- Single Workstation for A500/600/1200 £29.99
- Double Workstation for A500/600/1200 plus Extra Shelf £34.99
- Wide Workstation Wide unit for A500/600/1200 with additional side peripherals (Hard Disk or Floppy Drive) £34.99

2 YEAR WARRANTY | MONEY BACK GUARANTEE | FREE UK DELIVERY

2 Year Warranty

TORNADO & X-LINK

High Speed BT Approved Modems for all Amigas



PRICES FROM £99.99

BT APPROVED

Both modems have the following specification

- 14.4K or 28.8K Speeds (v34 (28.8K), v32bis, v32, v23, v22, v22bis, v21)
- Cable & Software Supplied (N-Comm for Amiga)
- Automatic Fallback & Forward for Optimum Line Performance
- GP Fax Software Option (Send and receive faxes from your Amiga)
- BABT/BT Approved (Legally required for use on a BT line)
- MNP 2-5 & v42, v42bis
- Sync & Async Operation
- Group 1-3 Fax to 14.4K
- Fully Hayes Compatible
- LED Front Panel Display
- 2 Year Warranty

	Modem Only	Modem + GP
TORNADO 14.4K	£99.99	£13
X-LINK 14.4K	£129.99	£16
TORNADO 28.8K	£199.99	£23
X-LINK 28.8K	£229.99	£26

2 YEAR WARRANTY | MONEY BACK GUARANTEE | FREE UK DELIVERY

560DPI 3 BUTTON MICE & MATS

for all Amigas & Atari STs

BEIGE £12.99

BLACK £14.99

MOUSE MAT £2.99 OR £1 IF BOUGHT WITH A MOUSE

2 YEAR WARRANTY



MONEY BACK GUARANTEE

FREE UK DELIVERY

NEW!

- Ultra Smooth 560dpi
- Micro Switched Buttons
- Amiga/Atari ST Switchable
- 2 Year Warranty
- All 3 Buttons can be used on many programs such a Opus 5



2 YEAR WARRANTY

£19.99

FREE UK DELIVERY

MONEY BACK GUARANTEE

NEW!

SOCCER MOUSE

for all Amigas

FOR ALL YOU FOOTBALL FANS, THIS IS THE IDEAL MOUSE FOR YOU!

- High Resolution 400dpi
- Micro Switched Buttons
- 2 Year Warranty

EASY LEDGERS 2

Intergrated Accounting Software for all Amigas

FREE UK DELIVERY

AMIGA GOLD FORMAT

A new generation of Professional Accounting software for the Amiga. EasyLedger 2 has several key areas as follows.

Ledger - General Ledger with optional account numbers. Post receipts, payments and journal entries. Reports include journals, audit trail, trial balance & account histories. Cashbook, Profit & Loss Statement, Balance Sheet & Company Performance Ratios. Password to maintain privacy.

Sales - Use open item or balance forward methods. Invoice printing with automatic pricing, VAT calculation, discounts & totalling, manual overrides. Also hand-written invoices, credits, receipts & journal adjustments. Produces statements, address labels, sales analysis, aged balance lists, etc. Fully integrated with Ledger & Inventory.

Purchase - Use open item balance forward accounting methods. Enter supplier invoices, credits, payments & journal adjustments. Produces remittances, address labels, aged balance lists, transaction histories, etc. Fully integrated with Ledger & Inventory.

Inventory - Stock Control & Price Book. Handles three price scales with auto price changing. Entry of stocktake results & goods in/out movements. Full integration with other books. Reports include price lists, re-ordering report, sales & valuation, movement history, etc.

Job Costing - For Estimating & Quotation. Suites a wide range of invoicing needs for service industries. Invoice the charges on a 'job card', Allows 32 sets of different charging rates, Transfers goods directly from Inventory & fully integrated with Creditor and Ledger.

FOR A LIMITED PERIOD YOU CAN BUY EASY LEDGERS 2 AT THIS NEW LOW PRICE (was £199.99) 28 DAY TRIAL PERIOD - CALL FOR MORE DETAILS

£119.99

2Mb RAM & Hard Disk Required

IMAGE FX 2.1

The Complete Image Processing Solution for all Amigas



No other image processing package on the Amiga gives you everything you need, from precise colour correction tools to fantastic special effects that boggle the mind! Whether you are a print artist or a video magician, ImageFX is simply the fastest, the best, and the most complete image processing solution you will find on the Amiga.

System Performance

The easiest to use and most powerful interface, thumbnail image loader lets you see your image before loading it, built in Virtual Memory allows work on images nearly any size, unlimited multi-level true UNDO, thumbnail image previewing shows effect before using it, multiple image buffers and brushes, precise region controls can restrict work to just part of an image, unequalled Arexx support for macros and programming, user definable macro keys and menus, built in Macro/Arexx script recording, two powerful batch processing systems: IMP and AutoFX & visual thumbnail image cataloguing system.

FREE UK DELIVERY

AMIGA GOLD FORMAT

£149.99

2Mb RAM & Hard Disk Required

GP FAX

Fax Software Solution for all Amigas with a Modem

SEND & RECEIVE FAXES FROM YOUR AMIGA VIA YOUR MODEM. YOU CAN EVEN PRINT FROM YOU FAVOURITE APPLICATION TO YOUR FAX DEVICE! AMIGA COMPUTING - 9/10

FREE UK DELIVERY

AMIGA GOLD FORMAT

£44.99

Fax Compatible Modem Required

ALSO AVAILABLE

Disks - 2S/2D, High Quality with Coloured Labels	£4.99
Disks - 2S/2D, High Quality with Coloured Labels	£19.99
512k RAM Upgrade	£19.99
Plus 1mb RAM Upgrade	£29.99
1mb RAM Upgrade	£29.99

2 YEAR WARRANTY

FREE UK DELIVERY

MONEY BACK GUARANTEE

WIZARD DEVELOPMENTS

VISA · Access · SWITCH

CONTACT US ON INTERNET SALES@WIZARD-D.DEMON.CO.UK

Prices include VAT & carriage to the UK mainland. Please add £5 to your order for EC destinations and £10 for other countries. All products are is subject to availability. E&OE. Advertised prices & specification may change without notice.

ORDER HOTLINE

01322-272908

BETWEEN 9AM AND 6PM, MONDAY TO FRIDAY, TO PAY BY CREDIT CARD. TO PAY BY CHEQUE OR POSTAL ORDER PLEASE RETURN THE ORDER FORM BELOW TO -

WIZARD DEVELOPMENTS, PO BOX 490, DARTFORD, KENT, DA1 2UH

Order Item	Price

Name ____________________

Address ____________________

Post Code ____________ Phone No. ____________

CHEQUES SHOULD BE MADE PAYABLE TO WIZARD DEVELOPMENTS.

VISAGE COMPUTERS

27 Watnall Road, Hucknall
Nottingham NG15 7LD
Tel: (0115) 964-2828
FAX: (0115) 964-2898

VISA — MasterCard

AMIGA 1200 "MAGIC"

The awesome new AMIGA 1200 "Amiga Magic" pack is here.
Software includes.....

- Photogenics 1,2SE, Personal Paint 4.6
- WordWorth 4, Datastore 1.1
- Digita Organiser / Print Manager
- Turbo Calc 3.5, Pinball Mania/Whizz
- Plus FREE Mousemat and Dustcover

Call now to order yours... £389.99

AMIGA 4000T

- 68040 25Mhz. Upgradable to 060
- 1.2 GB SCSI-2 HD/6Mb RAM
- AT/IDE HD Interfact, SCALA MM300
- Call for details and
- prices on 060 version — £2149.99
- Amiga M1438S Multisync Monitor £279.99

AMIGA HARDWARE

HARD DRIVES

WESTERN DIGITAL

3.5" IDE

540 MB	12ms	£149.99
630 MB	10ms	£169.99
850 MB	10ms	£189.99
1.2 GIG	10ms	£289.99
1.6 GIG	10ms	£429.99

QUANTUM

3.5" IDE

210 MB	12ms	£89.99
270 MB	12ms	£99.99
420 MB	12ms	£124.99
540 MB	12ms	£139.99
1 GIG	19ms	£259.99

3.5" SCSI-2

270 MB	12ms	£149.99
540 MB	12ms	£179.99
730 MB	10ms	£219.99
1 GIG	12ms	£349.99

SEAGATE

3.5" IDE

420 MB	12ms	£124.99
540 MB	12ms	£139.99
850 MB	10ms	£179.99
1.2 GIG	10ms	£259.99

SEAGATE DECATHLON

3.5" IDE (3/4" HIGH)

420MB	12ms	£129.99
540 MB	12ms	£149.99
850 MB	10ms	£499.99

HITACHI

Amazing Prices!

2.5" IDE

340 MB	12ms	£169.99
510 MB	12ms	£229.99
850 MB	12ms	£399.99
1.2 GIG	12ms	£649.99

EXTERNAL HARD DRIVES

A500 ALFA POWER

210 MB	£179.99
270 MB	£199.99
420 MB	£229.99
540 MB	£249.99

All 3.5" IDE drives require a 2.5" - 3.5" cable only £15.00 when fitted into a A600/A1200. Drives come prepped, formatted and installed with 100MB of **FREE** Public Domain Software.
All carry a 2,3 or 5 year warranty

EXTERNAL HARD DRIVES

A1200 OVERDRIVES

270 MB	£199.99
420 MB	£219.99
540 MB	£229.99
850 MB	£289.99
1.2 GIG	£379.99

PRINTERS

EPSON

Stylus Colour Inkjet printer offers photographic like quality when used with optional 720DPI printer driver (coated paper required). Built in auto sheedfeeder.
Only £429.99
Coated 720DPI paper (200 sheets) £22.99

STUDIO 2 - PRINTER S/W

Professional print studio for the Amiga. Enhance the output of your printer in. 720DPI on Epson Stylus Colour.
Only £49.99

SEKIOSHA SL-96

High quality 24 pin colour printer, Scalable fonts, tractor feed. Rated 86% CU AMIGA
Only £149.99

SEKIOSHA SP-1900+

9 pin dot matrix printer, Single sheet or Tractorfeed.
Only £114.99

MODEMS

14,400 EXTERNAL

BABT approved FAX/Modem. Complete with all leads, PSU and Comms Software.
Low Price £109.99

28,800 EXTERNAL V34

Super-fast BABt approved FAX/Modem. Complete with all leads, PSU and Comms Software.
An Unbeatable £174.99

GOLIATH 200 WATT PSU

Solve all your power problems with the Goliath. Three times more powerful than a standard PSU £44.99

ACCESSORIES

240 CAPACITY DISK BOX

The Logic 3 stackable storage box holds up to 240 disks. Easy to assemble includes metal lock and keys.
Only £12.99
ASK FOR QUANTITY PRICES

ALFA DATA PRODUCTS

Megamouse - 400 dpi	£12.99
Megamouse - 3 button	£14.99
Auto J/Mouse Switcher	£12.99
AT-Bus 2008/IDE	£79.99
AT-Bus 2008/SCSI	£109.99
Alfa Power/A500/IDE	£89.99
Tandem Controller	£49.99

CD ROM DRIVES

POWER CD ROM

External SCSI CDROM for the A1200. Plugs into the PCMCIA port Fast 300Kb/Sec transfer rate. Connect up to six other SCSI peripherals.
Dual Speed £199.99
Quad Speed (600 Kb) £299.99

A4000 version, as above but without PCMCIA interface (Dual Speed) £169.99

MITSUMI FX400

Internal IDE CDROM unit for the A4000 (requires tandem CDROM controller) Super-fast 600 Kb/Sec transfer rate.
FX400 CDROM £149.99
FX400 Plus Tandem CDROM Controller Card £199.99

NEC 512 X6

Internal SCSI CDROM DRIVE, Incredible 900 Kb/Sec transfer rate.
Only £349.99

VISAGE ATAPI CDROM

Please request your free news sheet regarding this amazing new product, External Quad-speed CDROM unit that plugs directly onto your internal IDE port (requires no additional interfacing)
Only £CALL

If you have found a cheaper price elsewhere in the magazine, call us and we will do our best to beat it

APOLLO ACCELERATORS

APOLLO 1240/33/SCSI2

Call for details

The worlds fasted 1200 is on this page.....
Superfast 68040 running at 33Mhz, Built in 68882, MMU & SCSI2 controller (3.5MBSEC). One 72 pin simm socket Estimated speed (30+ mips).
Available September for only £399.99

APOLLO 1230/50/SCSI2

The fastest 030 card available for the A1200 uses a 68030RC50 running at 50Mhz. Built in MMU & SCSI2 controller (3.5 MBSEC) Two 72 pin SIMM sockets.
Price £279.99

APOLLO TURBO 1220

Awarded a 90% CU AMIGA SUPERSTAR the 1220 combines the best price / performance ratio for any Amiga accelerator. 68020 running at 28Mhz, integrated 68882 FPU, one 72 pin SIMM socket (1-4 MB) Realtime Clock.
Price £99.99

APOLLO A4000/040/28/33/40

NEW

The new APOLLO A4000 accelerator cards fit into the CPU slot of your A4000 (A3000/T). Comes in 28, 33 and 40Mhz versions, 4 x 72 pin SIMM sockets, SCSI-2 controller.
Price £CALL

Please call for your free information pack for the Apollo range of products

32BIT MEMORY SIMMS

4MB	£129.99	16MB	£399.99
8MB	£269.99	32MB	£799.99

The above SIMMS are 72pin industry standard PS2 70ns.

HOW TO ORDER

BY POST: Please make cheques and Postal Orders payable to *"Visage Computers"* Please allow 5 Working days for cheques to clear

WE ACCEPT ALL MAJOR CREDIT CARDS INCLUDING SWITCH & VISA DELTA

BY PHONE: Credit/Debit card orders taken from 9.30am - 5.30pm Monday to Saturday

CALL (0115) 964-2828 OR (0115) 964-2898 TO PLACE YOUR ORDER



Vampyra looks gorgeous and she's clever. Our Mistress of Adventures can speak five languages Unfortunately, she can't say 'no' in any of them.

Adventure Helpline

Monkey Island

've reached Monkey Island and llected everything. How do I get wn to the bottom? I can only t half way down with the one ce of rope and I can't get the pe from the corpse in the pond, ich I think is what I need.

ndrew Lee, Whereabouts nknown.

ck up the banana and then walk the Forest to get a nice overhead w of the Island. Go to the Fort at e volcanic hole (NW of the island) d pick up the rope and the spy-ss. Push the cannon and pick up e cannon ball and gunpowder ich is revealed. Go to the river k (East of the island).

Pick up the rock (which is in fact flint). Use the gunpowder on the m, then use the flint on the can-n ball. This will cause the dry er and the pond to fill up h water.

Go to the pond at the end of the er and approach the corpse. Now u will be able to get the second ce of rope.

Dreamweb

m stuck on *Dreamweb*. I can't get e lid off the junction box outside e boathouse where Ms derwood is. I got the bottles outside Sparkey's Bar and filled them if that's any help.

Alex McIntyre, Northampton.

I don't think we'll go into how you filled the bottles, I really don't want to know. Of course if you were a sensible Amiga owner you would know the answer to this question. First you would possess a subscription to CU Amiga and then you would have seen the complete solution to Dreamweb which we previously published. Are we all wasting our time here or what?

Anyway, first 'examine' then 'use' the railings beside the boathouse. Go to the pipe and 'use' the pipe with the mug which was collected from Ryan's flat . Go to the junction box and use it, first by itself, then with the railing, and then with the mug. Walk to the hole in the balcony, 'examine' it, then 'use' it. Now turn to the back of this magazine, find the subscription offer and sign up!

Simon the Sorcerer

I can't find the magical staff in Simon the Sorcerer although I have looked everywhere. At the moment I am at the doorstep of the Tower of Doom and I am carrying a spell book, scissors, bucket, hammer, beard, fire extinguisher, placecard, smokebox, hat, ladder, white spirit, rope and magnet, key, rock, feather, potion, gold coins, sousaphone, woodworm, matches, ring, small key, rat bone, hacksaw and breath mints.

Stephen Pattinson, Southampton.

If there is one thing that always makes me laugh, it's the mental picture of adventurers climbing over walls and fighting dragons while carrying what looks like the contents of an Oxfam Shop in their pockets.

You must have noticed the bell which is standing next to you. If you want to get into the castle you need to ring the bell. Unfortunately, the bell has something missing, and in its case, it's the clapper. Now where do you think someone would send a piece of a metal bell to be fixed? Of course, the blacksmith. Scurry back to the old smithy and have a rummage around the bits and pieces lying on his table and you'll come up with something which will strike the right note.

Kings Quest VI

I am having great troubles with *King's Quest VI*. How do I get the serving maiden to accept the Beast's Ring?

Oskar Arnorsson, Iceland.

Look, if the foolish girl won't take your presents of jewellery I think you should just parcel them up and send them to me. Perhaps you should first give her some flowers to loosen up her corset. I can't resist a man who brings me flowers, especially white roses. Although I tend to dress in black, my heart is as pure as the driven slush.

When you first meet her, give her a white rose from the Isle of the Beast. You'll find the roses through the gate near the Archer Statue (Use the shield on the archer to stop him piercing your heart with his arrows.) Talk to the girl using every option available, and when you have said your piece the game will take over.

Lure of the Temptress

I have asked everyone in the village how to open the Were Gate, so I can see the dragon, but nobody can tell me. Do you know how? I would also like to know where I can find some cowbane to make the potion which must be used on the dragon.

Lee Henderson, Penshaw.

If you go to Smithy Street you'll be able to get some cowbane from the flower patch on the left-hand side of the street. Take this smelly stuff back to Goewin and then go for a walk while she prepares the potion. Once that's done you can go the Severed Arms pub and have a chat with Ultar and he will tell you how to get through the Were Gate.

Police Quest

I'm stuck on 70 points. I have flagged the drunk driver over and told him to get out of his car. I try to arrest him, but can't. Help.

Mark Anderson, Bridlington.

Of course you can't arrest him, for you haven't proved that he's drunk yet. After you flag him down, go to his car, stand by the door and give the following commands: talk to the man, Look at the man, Show your driver's licence, smell the man, administer the field sobriety test, handcuff the man. When the drunk asks to be cuffed in the front say, "no". Search the man, tell the drunk to get in the patrol car. Follow him to your rear door. Open the rear door. Radio for a tow truck. Take your prisoner to jail.

Before you complain that no-one could have worked out all of that solution, let me tell you that anyone could, if they had the game manual because it's in there. By the way, the drunk is a caricature of Al Lowe – the creator and writer of the Leisure Suit Larry games. How do I know that? Because I had lunch with him on board HMS Belfast years ago. Oh dear, what a name dropper I am. ■

If you've got a little problem that you are too embarrassed to ask a friend about, pop it in a plain envelope and send it to our Mistress of the Night and she'll take a close look at it for you.



HELLO BOYS, MAKE MY DAY. SEND ME IN SOMETHING I CAN GET MY TEETH INTO. I LIKE A NIBBLE NOW AND THEN.



Welcome to where we try to spoil every game by printing the cheats so you can complete it in three hours. And don't forget, thanks to those nice Ocean folk, there's a free bit of Hit Squad software for every tip printed.

Snip Tips

DEATH MASK
Alternative

Chris Dunn has written in to remind me that, while we printed the first 17 codes for this game back in the October issue, we've yet to complete the list. So here they are. Cheers Chris!

LEVEL	CODE	LOCATION
18	62156	Dark Castle
19	84678	Training Ground 1
20	57093	Training Ground 2
21	29264	The Caverns
22	47446	Outpost 2A
23	75330	The Asylum
24	82855	Dark Castle Cellar
25	58474	Sub Basement
26	38392	Alien Correction Facility
27	55276	Cerebral Alteration Plant
28	68163	Research Room 2
29	75156	Preparation Room
30	70948	Navigation Control
31	54334	Radar Station
32	39814	Weapon Research
33	52262	Central Core
34	73164	The Last Alien Nest

FEARS
Guildhall Leisure

Carl Woodthorpe from Lincolnshire has found a nice little cheat for the cover disk demo we ran a few months back. During the demo, press the HELP key and a little message saying 'protected' will flash up under your energy display. You should now have a circular power saw, 99 energy points, and full ammo for all weapons (even the Plasma gun which you start off with, but without any ammo at all!)



▲ Find out how to get bags of ammo, energy and a saw in Fears.

BRUTAL SPORTS FOOTBALL
Millennium

Craig Ridley has written in to remind us of some rather handy cheats for this jolly fun sport/violence offering. Fairly obviously, this won't work for CD32 users (cause you don't have a keyboard — ner ner ner ner ner!) Er … anyway, sorry about that. Here they are.

To play in any league, hit the letter L followed by a number from one to three (with one being the highest). Now press M followed by a number from one to six to select which match you want to play in (e.g. L1M6 will take you to the last match in the top league). You can also press the following keys in the match for some smashing effects:

L for Lightening
I for Invincibility
G for the Walking Ball
R for the shield
S for the Hare
D for the Tortoise
F for the Freezing Blocks

VIROCOP AGA
Renegade

An old chum from my The One days, Aberdeen's own Mark Forbes, has sent me a whole heap of codes for the excellent blaster by those clever Graftgold chaps. You need to register your name as being "I am Legend" and then you can use the following codes for the following levels (I say that a lot don't I?)

WORLD 1
STTPRBN
KFFSJLP
FKCSSTD
FKVSMPL

WORLD 2
MPJPFNB
GNRSTSH
NGSDCNG
DHBNPFJ

WORLD 3
RCLKKTV
JLCNSGD
BVMSVBK
BVSSCRG

WORLD 4
HDKSLJM
CRPSBVF
HDHKMR
HDJKFSB

WORLD 5
BVRKTKH
LJDKGPC
BVFSJLP
BVNSHDT

PINBALL FANTASIES
21st Century

If the age of the games people send tips in for is anything to go by, you have to wonder if any new games are being bought any more! Either that or people are just looking for an easy way to grab themselves a software prize. Hmm. Anyway, because this is actually a top game, I'll allow Bath's Stephen Morris the benefit of the doubt. This time …

Just type in these words for a variety of ball-enhancing japes:

EARTHQUAKE
VACUUM CLEANER
EXTRA BALLS
ANDREAS
ULF
MARKUS
FAIRPLAY
DIGITAL ILLUSIONS
THE SILENTS
FREDRIK
OLOF
BARRY
CREW

SENSIBLE WORLD OF SOCCER
Renegade

Just in case any of you are still struggling to find good players for your own teams, David Dunn has sent in a list of his suggested top ten strikers and where to find them – so here they are. Does anyone out there want to challenge this list? Let me know. Usual address please.

1) **Dennis Bergkamp (Inter Milan)**
2) **Rudd Gullit (Sampdoria)**
3) **Stan Collymore (Nottingham Forest)**
4) **Bryan Roy (Nottingham Forest)**
5) **Dejan Savicevic (AC Milan)**
6) **Alan Shearer (Blackburn Rovers)**
7) **Andy Cole (Newcastle United)**
8) **Peter Van Vossen (Ajax)**
9) **Tatsura Mukojima (Shumuza S-Palse)**
10) **Roberto Baggio (Juvantus)** ■

Matt Broughton

And that's it folks. Please keep the tips and cheats coming in and can we have some more of the recent titles in there si vous plait, eh?

POWER CD-ROM

BLUE CHIP AWARD · AMIGA FORMAT GOLD



power cd-rom

The Power CD-ROM for the Amiga 600/1200 plugs directly into the PCMCIA port and provides a direct SCSI-I and SCSI-II interface, allowing up to six additional devices to be connected. What's more the Power CD-ROM features a 'Hot-plug' which allows you to connect and disconnect the CD-ROM and any other additional devices even when the Amiga is switched on.

The CD-ROM drive comes with a SCSI interface, PSU, manual, audio lead, mains lead and software which includes Audio CD, CD32 Emulator, MPEG Film Decoder and Photo CD.

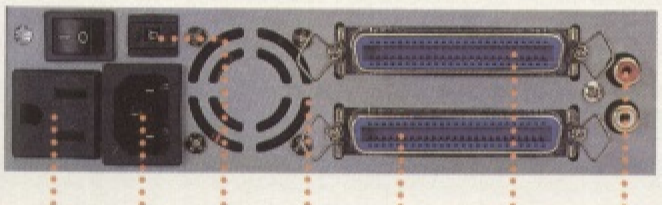
AMIGA 600/1200

x2 SPEED CD-ROM INC.SQUIRREL . . **£179**
x4 SPEED CD-ROM INC.SQUIRREL . **£249**

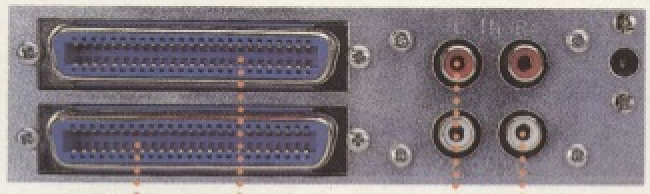
AMIGA 4000

DOUBLE SPEED CD-ROM **£139**
QUAD SPEED CD-ROM **£199**
AMIGA 4000 SCSI-INTERFACE . . **£129**

quad-speed



double-speed



SCSI INTERFACE REQUIRED FOR A4000 *DUAL SPEED CD-ROM CASING DIFFERS FROM ONE SHOWN

£249 quad-speed

£179* dual-speed



£54 80 watt

CD-ROM SOFTWARE

LIGHTWAVE 3D ENHANCER	£55.95
CDBOOT 1.0	£29
WORLD INFO'95	£39.95
DA CAPO VOL 1 MUSIC MODULE	£25
FRESHFONTS II	£17
GAMERS DELIGHT	£25
GOLDFISH 2	£25
LIGHT ROM	£39
MAGIC ILLUSIONS	£10
MEETING PEARLS VOL 1	£10
MEETING PEARLS VOL 2	£10
THE LIGHT WORKS	£34
THE BEAUTY OF CHAOS	£12
AMINET SET 1	£25
AMINET 5	£12
AMINET 6	£12
AMINET 7	£12
CD-WRITE	£39
FRESH FISH 8	£25
GATEWAY VOL 1	£9.95

notice

Power Computing Ltd no longer sell this product due to the lack of support for VCD and CD-i formats (ie MPEG Films). This CD player will not play movies.



the AMIGA is back!

a1200 pack

2MB of RAM
3.5" Floppy Drive
2.5" 170MB HD Option
Wordsworth v4se
Digita Datastore v1.1
Digita Organiser v1.1
Turbo Calc v3.5
Photogenics v1.2se
Personal Paint v6.4
Workbench v3.1
Whizz 3D Game
Pinball Mania Game

2Mb ram no HD **£399**
2Mb ram + 170Mb HD **£499**

a4000 tower

6MB RAM
68040/25 or 68060/50
Workbench v3.1
AGA Chip Set
16.7 Million Colours
1.2GB SCSI Hard Drive
1.76MB Floppy Drive
2 x 3.5" Drive Bays

68040+1.2GB HD **£2199**
68060+1.2GB HD **£2499**

All prices include VAT

scala mm300 software
Pre- Installed on A1200/4000 hard drive versions.
Does not include disks or manuals

i-glasses **£599**

amiga monitor **£299**



PCMCIA Smart Card Slot
32-bit 68020EC Processor
AGA Chipset
16.7 Million Colours
Built-In Modulator



Monitor not included with A4000T

68040/25Mhz or 68060/50Mhz Processor
6MB RAM
1.2GB Hard Drive
1.76 Floppy Drive

TELEPHONE **01234 273000**
FACSIMILE **01234 352207**

POWER COMPUTING LTD
44A/B STANLEY STREET
BEDFORD MK41 7RW

.power

PRICES INCLUDE VAT. SPECIFICATIONS AND PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE, ALL TRADEMARKS ARE ACKNOWLEDGED. ALL ORDERS IN WRITING OR BY TELEPHONE WILL BE ACCEPTED ONLY SUBJECT TO OUR TERMS AND CONDITIONS OF TRADE, COPIES OF WHICH ARE AVAILABLE FREE OF CHARGE ON REQUEST.

The largest and most highly praised collection of high quality DTP & DTV PD & Shareware in AMIGA history!

We have seen almost every Amiga CD title in existence and sadly, the general trend appears to be "shovel as much data on as possible and to hell with the quality". The majority of these CDs are also developed as multi-platform CDs and while this may be advantageous for the company selling them, the end user is faced with a CD containing a high proportion of files that he probably can't even use. So what is left? A CD containing loads of badly organised directories filled with low quality (in some cases even pathetic) graphics. Being a little disappointed, the user then looks in the font directories and finds... a massive task on his hands... he has hundreds of fonts (that are probably duplicated many times) and no way of knowing what he's got! The poor end user is then literally forced into loading each individual font into an application, just to see what fonts he's actually got! If that wasn't bad enough, he then, quite possibly, discovers that most of the fonts have missing and/or corrupt files!

Some of these "so called" CD developers even get away with "shovelling" data from their old CDs onto new ones and releasing the new CD as "Professional". We could go on and on and on, but why bore you with something you already know? We genuinely feel that the current situation stinks and we at EMC are aiming to set the standard on which all data CDs on the Amiga will be judged. A big claim you say? Well, here's a brief insight to what is included on the EMC CDs and how the data is organised...

Firstly, these CDs are aimed directly at Amiga users, and are not designed for multi-platform computer use. This means that you don't get CDs loaded with PC files that you cannot use! To aid in the rapid location of font, clipart and image data, each of the 3 CDs contains IFF font preview screens for every font (regardless of its format), you simply click on the preview icon to see the font! The clipart and image directories have been fully sorted and all directories include full IFF preview thumbnail index screens (and also descriptive filenames). Purchasers of the CDs will also have the option to buy a typeface book, published especially for the EMC CDs, containing font printouts!

The price for each CD is £24.99 + £1.00 UK p & p

For first class recorded Airmail to Europe add £4.00 p & p & Rest of World add £6.00 p & p

The third disc - ***EMC - PHASE 3*** - will be released on... ***Monday 15th January 1996***



AVAILABLE NOW!
£24.99 + p & p

EMC-PHASE 1 CONTENTS...

FONTS **Adobe Type1** EMC vols 4, 5, 6, 7 & 16 **CGFonts** (with postscript & .atc files) EMC vols 8, 9, 10, 23 & 24 **Professional Draw** EMC volumes 18, 19 & 20 and 52 **IFF Clipfonts**

CLIPART Fully sorted into sub-directories (number of directories listed in brackets).
IFF Animals(114), Fantasy(27), Music(12), People(73), Religion(12).
IFF Col Birds, Cars, Cats, Dinosaurs, Dogs, Fish, Horses, LionKing, Music, Planes, Reptiles.
EPS Animals, Buildings, Computers, Food, Logos, Office, People, Transport, USA, World.

IMAGES In IFF 16/256 colour and HAM interlace formats.
Animals, Balloons, Blake7, Cars, Conan, Dragon Lance, Fantasy, Horses, Natural, Planes, Racing, Renders, Reptiles, SnowScenes, Space, Star Trek (TOS&Movies) Trains & over 67 MB of 736 x 566 IFF 16/256 colour Video Backdrops.

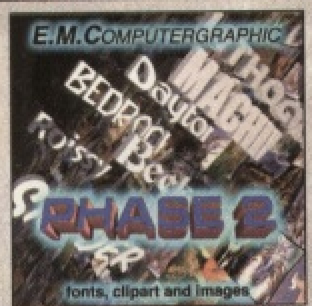
OTHER STUFF
Pagestream3 updates from 3.0 to version 3.0H, Complete Opalvision2.3b update, 19 additional third party Opalvision utilities, Typesmith2.5a update and Demo, Pagestream2 Demo, 18 really useful Utilities and heaps of other stuff!

EMC-PHASE 2 CONTENTS...

FONTS **Adobe Type1** EMC vols 17, 27, 29 & 77 **CGFonts** (with postscript & .atc files) EMC vols 25, 26, 30, 31 & 82 **Colour** EMC volumes 48 & 49 and 71 Imagine Type 1 Fonts.

CLIPART Fully sorted into sub-directories (number of directories listed in brackets).
IFF Alphabet(4), Borders(16), Buildings(6), Cartoons(17), Computer(7), Education(5), Electric(6), Food(90), History(5), Natural(59), Space & SciFi(3).
IFF Col Fruit, World Maps (of every country on Earth!), Ships, Vegetables.
GEM Arrows & Stars, Borders, Buildings, Clipart, Office, OtherStuff, Photo, Transport.
IMG Animals, Cartoons, Food, OtherStuff, People, Plants, Sports, TheArts, Transport, Xmas.

IMAGES In IFF 16/256 colour and HAM interlace formats.
America, Babylon5, Birds, BorisV, Britain, Dogs, Egypt, EQuest, Famous People, Girls, Kelly, Military, NightBreed, Panoramas, People, SciFi, Terminator, Textures, Star Trek (TNG), V, Water Scenes, Wildcats. World, World People and over 70 MB of 736 x 566 Video Backdrops in IFF 16 & 256 colour formats.



AVAILABLE NOW!
£24.99 + p & p

E.M.COMPUTERGRAPHIC
PHASE 3
RELEASE DATE:
15th JANUARY 1996

EMC-PHASE 3 CONTENTS...

FONTS Adobe Type1 EMC volumes 78, 79, 80 & 81 - **Pagestream** EMC volume 3, **CGFonts** (with postscript /.atc files) EMC volumes 83, 84, 85, 86 & 87 - 200 IFF colour **Clipfonts** and all our previously unreleased Type1, CG and ColourFonts

CLIPART Fully sorted into sub-directories (number of directories listed in brackets).
IFF Events(45), Military(26), Misc(33), Sport(37), Transport(35), Work(37) and World(41).
IFF Col Flowers, Insects, Mammals, Trees, Xmas.

IMAGES In IFF 16 colour, HAM interlace and IFF 256 colour formats.
Bikes (Motor), Boats, Castles, Cats, Classic Cars, Dungeons and Dragons, Dr. Who, Star Trek (DS9), Fractals, Girls, Greece, Hunks, Heavy Metal, Italian Cars, Movies, Robots, Starwars, Waterlife, White, Woodroffe and over 67 MB of 736 x 566 Video Backdrops in IFF 16 & 256 colour formats.

SO, YOU HAVEN'T GOT A CD DRIVE?

Well, don't despair, we are now selling all volumes from E.M.Computergraphic's AWARD WINNING PD/Shareware library at HALF PRICE! All you need to do is refer to your EMC Info pack, select the volume(s) you want, add up the total order value, divide the result by 2 and add £1.00 for postage. Then send, fax or phone your order through quoting "EMC HALF PRICE OFFER". If you have any queries, please don't hesitate to phone.
This is a limited offer. Please note: £10 minimum order value (after discount) for this offer!

EMC - PHASE 3 PRE-RELEASE OFFER... £19.99 + p & p
on all orders received before 12th January 1996
Credit card orders will not be processed until the day prior to the CD's release and your CD will be dispatched the next day. Postal order orders will not be processed until the day of the CD's release and your CD will be dispatched the same day .Cheque orders are subject to 5 working day clearance before dispatch. If you wish to receive your CD as soon as possible after its launch, we require written permission allowing us to bank your cheque 5 working days prior to the CD's launch date.

NOTICE TO OWNERS OF RETAIL OUTLETS
IF YOU HAVE A SHOP THAT SELLS AMIGA PRODUCTS AND YOU ARE INTERESTED IN STOCKING THE RANGE OF EMC'S CDs PLEASE CONTACT US FOR TRADE DETAILS & PRICES!

MasterCard VISA DELTA EUROCARD

E&OE
Cheques / Postal Orders payable to: ***E.M.COMPUTERGRAPHIC***
Cheques are subject to 5 working day clearance

E.M.COMPUTERGRAPHIC
8 EDITH ROAD, CLACTON, ESSEX. CO15 1JU
Tel : 01255 431389 Fax: 01255 428666

Get Serious

Horgan's Organ



Marvellous innit? Here we are hurtling towards what many had predicted would be a winter of discontent for the Amiga scene, and we're virtually snowed under with new products and developments. While the fly-by-nights may have prematurely lost faith in our favourite machine, the real innovators are sticking with it to ensure we all have a healthy future with our Amigas.

Phase 5 continue their bid to accelerate every A1200 to at least 50MHz 68030 spec with the fourth revision of their A1230 board.

Meanwhile CD-ROM has taken off as the fastest growing aspect of the Amiga market, proof of which is the amazing response we had from last month's cover CD and this month's abundance of new CD releases. This is backed up by the release of excellent new software like Softwood's Final Calc and others which have grown from modest shareware roots into fully-fledged commercial packages such as DICE C.

Some Amiga magazines have accused others of blind optimism, but we're not in the business of blinkering ourselves or our readers. If this whole thing really was going down the pan, do you think I'd still be here writing this? We have a business to run too!

Let's get on and enjoy the Amiga and its unique community of users. That's something the other platforms will never have nor understand. Be proud of it, I am!

Tony Horgan

You know where to come for the best reviews of all the latest hardware and software, tested and rated as always by CU Amiga's experts.



CD-ROMS 85



Demo Maniac 74



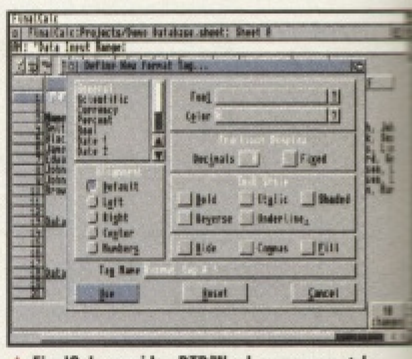
PD Scene 89



PD Utilities 95

FinalCalc

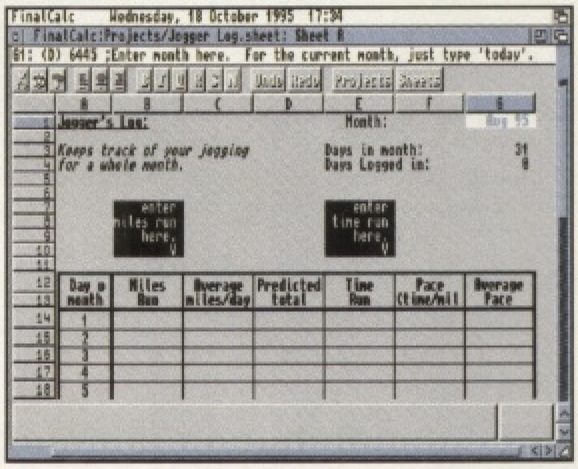
■ Price: £99.99 ■ Developer: Softwood ■ Supplier: Softwood © 01773 836781



▲ FinalCalc provides DTP/Word processor style sheets, allowing commonly used text attributes to be stored for future use.

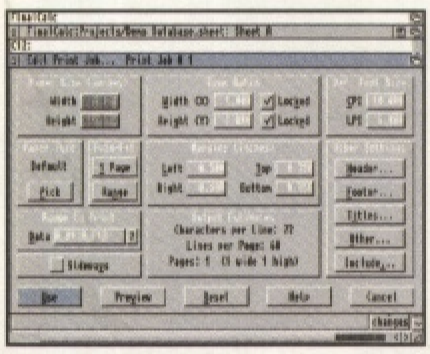
Have SoftWood got another winner on their hands? Maybe but with a few reservations.

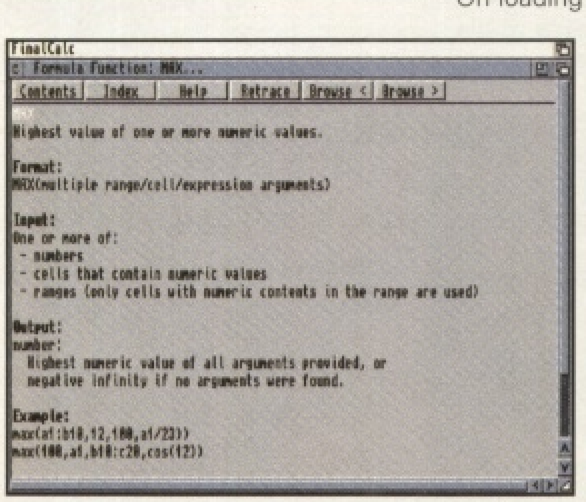
We all know that the Amiga is one of the best computers for video and graphics work. Few other systems have so many different applications offering such flexibility and power for digital video work. Sadly, however, the Amiga has been seen by some as not being able to compete when it comes to the professional office market because of the lack of powerful sophisticated spreadsheets, databases and word processors. People wishing to use these type of applications tend to use PCs or Macs and once they've started using them for these purposes the danger is that the Amiga will be pushed aside completely.



▲ FinalCalc can surround cells with borders, for on-screen table creation. It is, however, difficult to set background colours.

In the last year or so though, a slow but steady stream of heavy weight business programs have been released: Digita's *Wordworth* and Softwood's *FinalWriter* covering the WP market while HiSoft's *Twist 2* covers the database flank. But what of spreadsheets? You could wave CU Amiga's *ProCalc* cover disk around, but by comparison to PC and Mac spreadsheets of late it looks a bit long in the tooth. *FinalCalc* from Softwood has finally arrived though, with the promise of super league power;so it as good as we've been lead to believe?





Messy

On loading the program, after installing it to hard drive, a fairly standard looking spreadsheet appears. Taking a quick look around the menus reveals a frightening number of choices and possible commands. After the simplified menus of *FinalWriter* this came as quite a shock! And the icon bar below the menus doesn't help much either.

Only the basic editing and text attributes are set from the tool bar, you won't find any of the icons or flexibility frequently found in other application tool bars or even spreadsheets: no insert date/time, common formulae, etc.

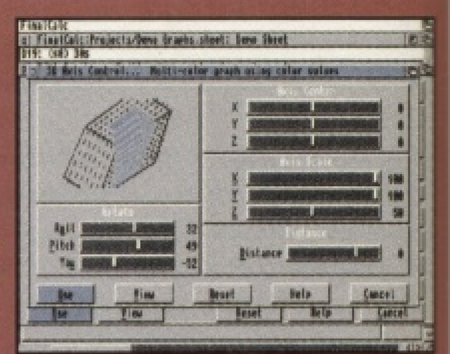
There's also no way to reposition it or tailor it. The user interface is certainly way behind other Amiga spreadsheets we've seen in terms of simplicity – definitely a missed opportunity!

Once you get past the initial shock of the basic front end and start exploring things improve considerably and there are even several touches that make the user interface better. But there are several features crying out for some of the user interface tricks found in SoftWood's latest version of *FinalWriter*, but more of this in a minute.

One of the first things you notice is that the Project menu doesn't have the usual Open, Close, Save affair under the first menu. Instead you have the option to open Projects, each project containing one or more sheets. Although individual sheets can be opened, in use I found its Projects approach of storing several related documents together under one name more sensible and easier to work with. This is obviously very useful as it means related sheets can be kept together, stored as one file. For example, a project for household finance might contain

3D Graphs

I started off this review talking about the Amiga's lead in graphics and 3D image markets, so it shouldn't really come as a surprise that *FinalCalc* has comprehensive 3D graphics capabilities. What's surprising however is just how powerful these capabilities are and how useful they are in a business environment.



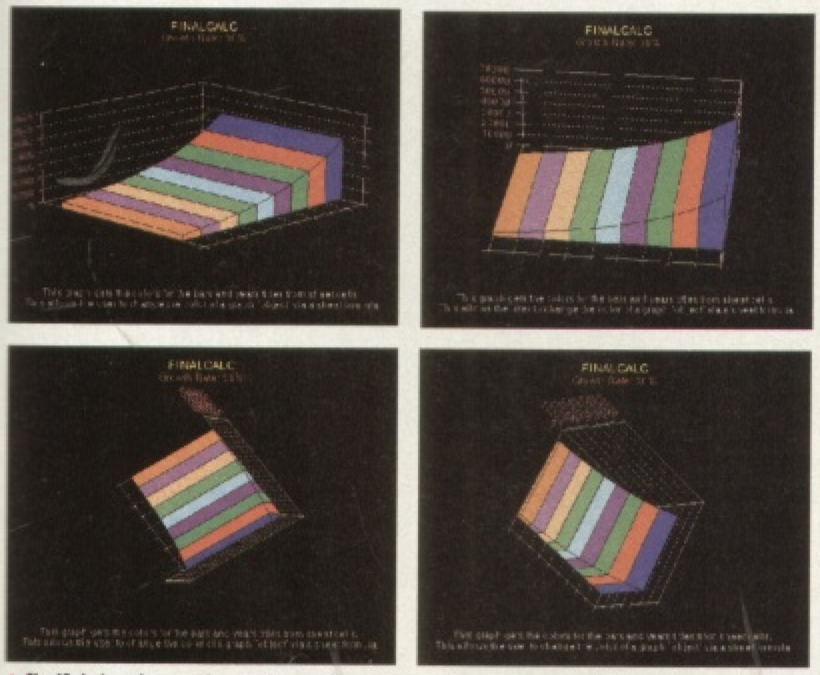
Looking at its features first, *FinalCalc* draws its 3D graphs as true 3D objects. This means that whereas *ProCalc* simply showed a graph with a third dimension drawn for effect, *FinalCalc* creates a 3D world in which the graph exists, and in which you can move around to see the graph from different view points. The viewing angle can change in all three directions, and it's even possible to change the scale of each axis!

Perhaps the only thing missing from its 3D capabilities is the option to export the graph as 3D data so it could be rendered in *LightWave* or *Imagine*. Maybe I'm daydreaming, but I can't help thinking how impressive it would be to see a graph with texture mapped columns, and custom lighting effects – other presentations wouldn't stand a chance!

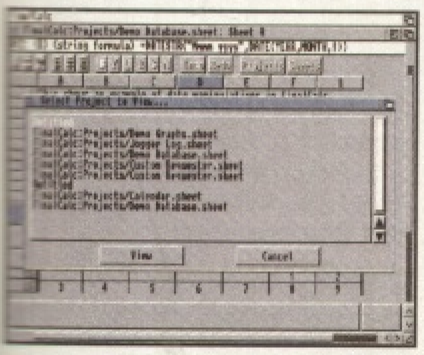
Animation In Action!

FinalCalc's animation feature is probably one of its most talked about features. As well as being able to move around a 3D graph the view changes can be recorded to Anim. As the data in the spreadsheet that the graph is drawn from changes so to does the graph - nothing new there. What is new is that the modifications to the graph over time can be recorded as an animation. You could, for instance, watch as a graph showed turnover and profit changes for a company happen during the course of a year, watching columns rise and fall. These changes can be combined with simultaneous viewing angle changes to add impact or aid visibility. If during the animation for example one column of a graph dropped behind another one the camera angle could change to swing above or around the graph to keep the column in sight – clever stuff!

The animation is stored as a series of sequentially numbered IFF files not a true anim file. Although the manual shows how one can be created using the PD program 'makeanim' given the otherwise powerful nature of the program surely it couldn't have been too much to include an option to have this done automatically?



▲ FinalCalc has the most impressive graphing functions of any Amiga spreadsheet, full 3D graphs make it possible to change the viewing angle in all three directions.



▲ To change to a different sheet or project you need to go via menus and requesters.

two sheets one for regular bill calculations and one covering loan repayments. I was, however, surprised to find that *FinalCalc* doesn't use the tab-access approach, pioneered by SoftWood in *FinalWriter*, to make jumping between sheets easy. Why not have a row of tabs along the bottom of the screen for each sheet? Instead you need to go to a menu, click on View, and select the sheet required. Ho hum!

Classic stuff

When it comes to producing spreadsheets the program supports a very strong collection of presentation aids, functions/formulae and sheet manipulation tools. When moving a cell or cells around using Paste the references in formulae can readjust for you automatically while a single cell can be copied to multiple cells. There's also options to hide, lock and protect cells. All classic spreadsheet stuff.

The layout tools provider are good. Cell widths and heights can be changed, as can the contents font, colour and attributes (bold, italic etc) however they aren't very intuitive, I'm still trying to find out how to do some basic things - setting a cell background colour for example. There's also a simple style facility that allows you to define a common format for a cells that you can then apply to other cells later on, cool! Along with



▲ When entering functions FinalCalc automatically provides help showing the parameters and arguments of the function being entered.

these, you can also add borders to cells. *FinalCalc* also allows you to clean up the borders of cells and remove duplicated lines. Other programs duplicate border lines – if you've got two cells next to each other, both with their own borders – giving thicker lines than wanted.

While entering the spreadsheet data there are several further tricks in the *FinalCalc* magic hat. The first is infinite undo and redo, so you can undo every action ever made on a spreadsheet right back to when it was empty. The next trick and more useful for beginners is comprehensive on-line aids, every function/formulae is documented with both quick one line descriptions and more detailed information. Then there's debugging tools to help find problems, like the find bracket feature which finds the closing bracket for an open on in a cell – invaluable for complex cell compositions.

If you print spreadsheets out you'll love the program. There's 29 page on printing alone in the manual, amongst its many talents are auto scaling of the spreadsheet to fit it on a set number of pages, a huge variety of variables for headers and footers (different date formats, page numbers, total number of pages etc), and the option to map the programs screen bitmap fonts to outline fonts for maximum quality when printing. The program supports Postscript Type 1 and 3, Mac ATM and Softwoods own outline font formats. If you're looking for the best output for your spreadsheet data you won't find better.

There's more to this program than I could possible cover here, it's calculation facilities are very impressive. Not only is it fast, but it handles circular references for you automatically, it understands infinity references (think about trying explain what infinity is to a system that only understands solid, real, numbers, you could take forever!) and has the capability to work backwards through formulae so it can work out correct starting values given a desired result!

Drawbacks

I liked *FinalCalc* and found it had most of the features I wanted, but not all. Given that *FinalCalc* is so late to the Amiga the chances are that most prospective spreadsheet users will already have one: *Maxiplan, ProCalc* or *TurboCalc*. So why doesn't *FinalCalc* support the last two file formats? I suspect the market for this program will come from users of these existing spreadsheets upgrading, yet with the exception of *Maxiplan* Softwood have done little to help us do so! Yes, there's an option to read Lotus 1-2-3 files so we could save data out from *ProCalc* etc in Lotus format and then import back in but are we using an Amiga or a PC here?

Then there's the manual. As Amiga manuals go it looks amazing. Hard back, glossy cover, ring bound – it must cost Softwood a fortune per unit! But as the old expression goes, never judge a book by its cover. While the layout, English, and quality are great I found the content and structure lacking. There's no step by step tutorial, although there are Basic Operations chapters showing how to get going. There's no breakdown or listing of the complex menus of the program it really needs, and more serious the function lists aren't subdivided into type (maths, finance, system etc) but rather just alphabetical – if you don't know a function name you've had it!

Its user interface is also lacking and could have been much, much better and definitely lets the program down. It's still a good spreadsheet, fast and responsive with some genuinely innovative and useful features and is without doubt the best spreadsheet currently available for the Amiga.

But in the final conclusion an Amiga application that can't directly talk to other similar Amiga applications and a user interface not up to current standards (standards set ironically by SoftWood amongst others) can't and won't get CU Amiga award. ■

Andy Leaning

FINAL CALC

A500 | A500+ | A600 | A1200 | A1500 | A2000 | A3000 | A4000

system requirements:
Workbench 2, 3Mb RAM (recommended), hard drive.

ease of use 80%
Complies with Amiga guidelines but doesn't compare to modern Amiga applications like Final Writer, Word Worth etc.

performance 93%
Fast, fully featured, excellent print options, amazing graphs, I could go on.

value for money 87%
This much application for this little money? I don't believe it.

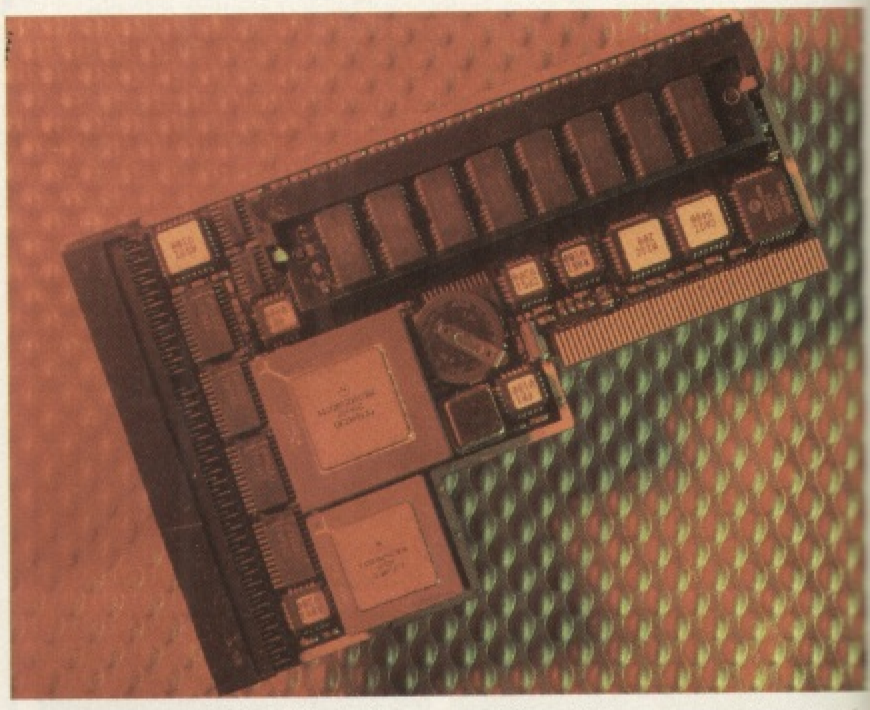
OVERALL
The best Amiga spreadsheet-around, could be better, though.
87%

Blizzard 1230 IV

■ Price: £179.95 (plus RAM) ■ Developer: Phase 5 ■ Supplier: Gordon Harwoods © 01773 836781

AMIGA MAGAZINE SUPERSTAR

If this Blizzard card was a film character it would be James Bond. It's that smooth.



Phase 5 know a thing or two about accelerators, having been in the game for a long time. The famous Blizzard range has had various incarnations based around the 68020 and 68030 CPU. This is the fourth generation of the Blizzard 1230 and it's accordingly known as the Blizzard 1230 Mark IV.

High quality

Based on a 50MHz 68030 complete with memory management unit (MMU), this is as fast as it gets before you enter the territory of the expensive first generation 68040 accelerators that are now appearing. Blizzard products have always been high quality units often out-pacing the competition but at a higher price. But now the Mark IV has come significantly under the £200 barrier it's more attractive than ever.

Cheaper RAM

A1200 trapdoor accelerators are not all made equal. The Blizzard Mark IV is exceptionally well constructed, sporting a single SIMM socket that allows even double sided 72 pins SIMMs to be used. Unlike the Mark III, the IV permits the use of cheaper 70nS RAM. A jumper connection on the board is used to select 60 or 70nS RAM speed – a very welcome addition.

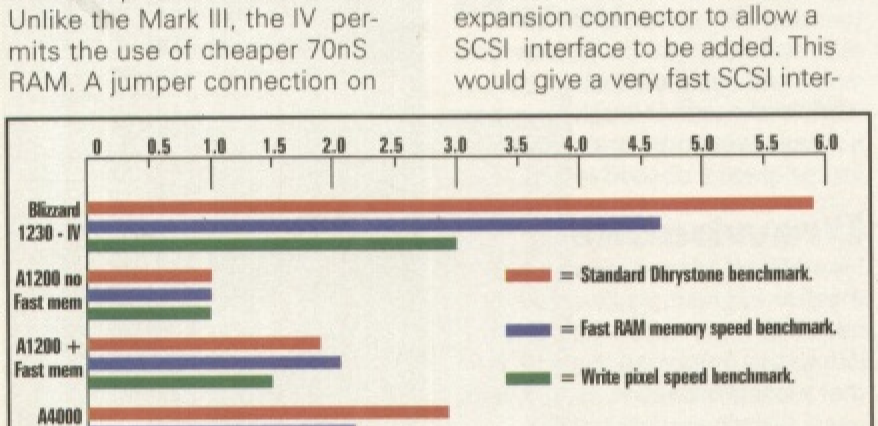
Faster OS?

Interestingly, there's another jumper next to the RAM speed one. This selects the MAPROM function. With this jumper closed, the Amiga's ROM is copied into the 32-bit Fast RAM on the Blizzard board, which accelerates the operating system functions. This feature could be activated using the CPU command supplied with Workbench but by using the jumper switch you can enable it permanently if the loss of 512K of your Fast RAM isn't a problem.

Another new feature of the Mark IV is that if, while booting, the '2' key is held down, the unit will deactivate entirely. The extra memory, acceleration and even the SCSI adapter if present, will all vanish. That's extremely handy for running games that might object to extra RAM or more commonly the accelerator.

32-bit DMA

Like the Mark III, the IV has a 32-bit Direct Memory Access (DMA) expansion connector to allow a SCSI interface to be added. This would give a very fast SCSI interface, leaving the PCMCIA slot free for other peripherals. The direct memory access would also require much less CPU time for data transfer than a PCMCIA SCSI interface. Interestingly, the add-on module also sports an extra SIMM socket which can accept up to 128Mb SIMMs. It's an excellent idea but if SCSI is all that's required, the £90 expense for this feature is a little too hefty.



To the test

If you're laying out £180 for an accelerator, you want to go faster. How well does it perform? Without printing reams of benchmarks, the results could be summed up by saying that; the Blizzard Mark IV is the fastest 68030 based accelerator that we have encountered. In particular the memory speed is spectacular, faster even than the Falcon 68040 accelerator, and only being beaten by the A4000 Cyberstorm units (also built by Phase 5).

Acceleration

If you've never seen an accelerated Amiga, you're really missing something. Hard drives leap ahead speed wise. Time consuming tasks take only a fraction of the time. Real-time disk compression software can gain extra hard drive space without you even noticing. With extra memory and speed, you can finally run several applications simultaneously with little performance loss. Before too long you'll take this massive leap in productivity for granted.

We currently use a Blizzard Mark III here in the CU Amiga offices and it's given faultless performance to date. The Mark IV providing the same quality coupled with these extra features at a reduced cost can only be a good thing as far as we're concerned. The Blizzard 1230 Mk IV is definitely the top 68030 accelerator for your A1200. ■

Mat Bettinson

BLIZZARD 1230 MARK IV

A500 A500+ A600 **A1200** A1500 A2000 A3000 A4000

system requirements:
Any A1200 with the trapdoor hatch free.

ease of use......................94%
Documentation is first rate. Installation is a breeze.

performance......................92%
Pushing back what can be done with the 68030.

value for money..................92%
The real thing at the right price. Absolutely superb value for money.

OVERALL
The best 68030 accelerator for the Amiga A1200. **93%**

17 BIT SOFTWARE

NEW PD ADDITIONS £1.00 PER DISK

1st Floor Offices, 2/8 Market Street,
Wakefield, West Yorkshire WF1 1DH

TEL: 01924 366982

FAX: 01924 200943

Monday To Saturday 9.00am Till 5.30pm
Answerphone At All Other Times

3909 THIRD DIMENSION NO. 18 3D Construction Kit Disk Mag
3908 ULTIMATE MANAGER V1.10S Realistic Footy Managment!
3907 UNION TEAR DOWN THE WALL AGA Only Demo
3906 MASTER BLASTER V2.2 Superb Dynablaster Game Clone!
3905 SHAPESHIFTER V3.2A Latest Mac Emulator For Amiga!
3904 BRAINCELL DEMO Nice Demo!
3903 TURBOCAT PRO. V1.1C Disk Catologue Maker
3902 BURGER BAR Burger Bar Management Game!
3901 (AB) CYBERCRAFT Shareworld Magazine!
3900 (ABCDEF) CHARLEY CAT 12 "Cowboy Cats" Animation
3899 WORD PUZZLE PRO Design Crosswords & Wordsearches
3898 TEXTENGINE V5.0 Needs WB2 & 1mb
3897 THE ULTIMATE DMC! F1 GOLD Demo, Disk Mag Creator
3895 CARDZ Klondike For KS2.0 Owners!
3894 VARK UTILS NO.9 Tons of CLI Utils
3893 THIRD DIMENSION NO.17 3D Cons, Kit Disk Mag
3892 (AB) NFA THE WORD NO.7 Scene Disk Mag
3891 (AB) CONTROL DEMO Superb AGA Demo
3890 F1GP EDITOR V3.01 Edit Cars, Drivers Etc
3889 (AB) ANIM PRO V1.0 Animation Creator FOR ALL Machines
3888 (AB) MOVIE MAKER GAME Movie Management Type Game
3887 VIRUS WORKSHOP V5.4 Latest Virus Killer!
3886 (AB) BATTLE OF BRITAIN A brief History of the Battle
3885 MESSY SID V3.0 Latest PC/AMIGA File Transfer
3884 BOUNCER Licenceware Game Demo
3883 VOYAGER CARDSET For Klondike AGA
3882 BABYLON 5 CARDSET For Klondike AGA
3881 CLAUDIA SCHIFFER CARDSET For Klondike AGA
3880 SUPER ELF SQUAD Platform Game
3879 ZXAM V2.0 Latest Speccy Emulator
3878 BLITRIS AGA Tetris Game
3877 WAC SPECIAL DISK MAG Amos Users Disk Mag
3876 SUPER SKIDDY THINGS 3 Super Skidmarks Ripoff
3875 (AB) SILENTS DEMO "Fruit Kitchen" HD Only AGA Demo
3874 (AB) ZIF DEMO AGA HD Only Demo
3873 (AB) FANATIC "HATE 2" DEMO Superb AGA HD Only Demo
3872 (AB) EMBASSY "THRILLED" Another AGA HD Only Game
3871 C42 DEMO Nice AGA Only Demo
3870 SHAPESHIFTER V3.0B Apple Mac Emulator (Needs ROM)
3869 LOTTERY PRO & UTILS Play Games To Get Numbers
3868 "A GALLERY" Superb Artwork! Hand Drawn. AGA Only
3867 ZX FILES Speccy EM Users Disk Mag
3866 STEREOPTICON For Making True RDS Pics & Anims
3865 DOWNLOADER 26 Fonts for 24 Pin Printers
3864 NOTEBOOK Flexible All Purpose Organiser
3863 DARK ANGEL Flashback Clone

CD ROM

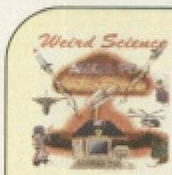

17 BIT 5 5TH DIMENSION
£19.99
Long awaited sequel to the Phase 4 CD. Includes all our library disks from 3352 to 3870!


ADULT SENSATION 2
£19.99
Followup to the popular Adult Sensations. More hot pics & games for you to go blind with!

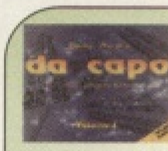

AMINET 7
£12.99
Archives from the Internet site dated August 95. This volum is

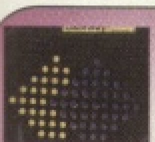

AMINET 8
£14.99
The latest archive CD from the Internet. Dated Oct 95 Contains


AMINET SET VOLUME 1
£24.99
A 4 CD set with ALL the data from CD's 1 thru 4, remastered to avoid data 'overlap' Also extra 220MB!


AMOS CD RELEASE 2
£16.99
Contains updated data since the first release. Now includes Amos


ARCADE CLASSICS
£14.99
Includes around 500 variations of classics such as Pacman, Tetris


DACAPO
£24.99
Contains 1400 music mods & 2000 superb samples. Also includes Octamed & more!


GATEWAY CD
£8.99
Gateway offers NETBSD V1.0 a Unix opertating system for the Amiga complete with source.


GLOBAL AMIGA EXPERIENCE
£19.99
Contains demos of commercial programs and also 8 full packages


GROLIER ENCYCLOPEDIA
£26.99
Contains all volumes of the Encyclopedia on a single CD!


LSD COMPENDIUM VOLUME 3
£19.99
95% of the data on this disk in new to CD!! Most subjects covered!


MEETING PEARLS VOL 2
£9.99
Over 650 MB of the finest Amiga PD. Just about every area from


MULTIMEDIA TOOLKIT 2
£22.99
A twin CD for the music & video pro. Over 1.2 Gigs of samples, mods, images, objects & textures


RAYTRACE! OFFICIAL POV CD
£19.99
Images, scenes, source, utils & tips for POV users. Aimed at


SCI-FI SENSATIONS
£19.99
A twin CD containing Sci-Fi material inc. 3D objects, docs,


SPECCY SENSATIONS 2
£19.99
Over 3000 Speccy games, complete with enhanced emulators and loads of other stuff!


ZOOM CD
£19.99
Contains the complete Active & Ground Zero PD library from Dec 94 to June 95!


ASSASSINS GAMES VOLUME 2
£19.99
Contains hundreds of new games for all CD platforms. All Assassins games and utiils disks included!


NETWORK CD 2
£14.99
PREVIOUS PURCHASERS
£9.99
CABLE £24.99
Super improved version!! Supports upto 290,000 baud & removes

POSTAGE RATES
UK DISK ORDERS 50p
CD's 75p Ea MAX £1.50
EU DISK ORDERS + 10%
CD's £1.00 Ea MAX £4.00
R.O.W DISK ORDERS + 20%
CD's £1.50 Ea MAX £6.00

WE OFFER A
PRICE MATCH
ON ANY STOCK CD ADVERTISED CHEAPER ELSEWHERE

STOP PRESS!
THE C64 CD IS NOW IN STOCK!
THOUSANDS OF DEMOS, GAMES, TUNES ETC!
£19.99

SUBSCRIBE!
TO ALL NEW AMINET RELEASES! DELIVERED TO YOUR DOOR AS SOON AS STOCK ARRIVES
£11.99 PER ISSUE

SOFTWARE2000

ALL OUR PD DISKS ARE **99P**

PER DISK + CHOOSE 1 FREE DISK WITH ORDER OF 10 OF MORE DISK
OVERSEAS POST & PACKAGE RATE
(Europe add 25p per disk for P&P)
(Worldwide add 50p per disk P&P)

We stock over 6500 QUALITY PD & SHAREWARE

How to order

To order any disk just write the disk title and the disk code, EG U01 Agene. Some title have a number in ( ) this means the title comes on (x) number of disks. To order PACK just write down the pack TITLE name will do.
ALL DISKS ARE COMPATIBLE WITH ALL AMIGAS UNLESS STATED
AGA Disk means for A1200/A4000 only

Price................99p per disk

Please add 70p to total for postage & packaging
Pack price as stated. All Orders Same Day Despatches
For the very latest catalogue disk please add 70p
MAKE CHEQUE/POSTAL ORDER PAYABLE TO: SOFTWARE 2000
SEND TO (ADDRESSES TOP RIGHT)

PLEASE SEND YOUR ORDER TO EITHER OF THESE DISTRIBUTORS
YOUR ORDER WILL BE SAME DAY DESPATCH VIA FIRST CLASS

SOFTWARE 2000
Dept (CUD5)
48 NEMESIA
AMINGTON
TAMWORTH
B77 4EL
ENGLAND
TEL: 01827 68496

SOFTWARE 2000
Dept (CUD5)
9 WILLS STREET
LOZELLS
BIRMINGHAM
B19 1PP
TEL: 0374 67806

TEL OR FAX: 01827-68496

SOFTWARE2000 Christmas offer
FREE
MOUSE MAT worth £2.99

FREE MOUSE MAT worth £2.99 with every order £12 or over. To claim your free mouse mat just cut & return this token with your order + enclose an extra 38p stamp to cover the mouse mat postage & package. Offer only available with this token (limited 1 mouse mat per order exclude any other offer)
You may choose 1 FREE disk if mouse mat not required

******AMIGA ESSENTIAL******

DISK CLEANING KIT-------------£2.99 *
Complete with disk & cleaning fluid
Quality MOUSE MAT-------------£2.99 *
10 blank disks & 10 labels -------£4.99 *
50 disk protector sleeve-----------£0.99
* special offer £1 off if you order 5 or more pd disks

music

M001 BEASTY BOYS-We Want Some Pussy songs
M002 MICHAEL JACKSON-song BAD
M003 DO THE BART MAN
M005 100 C64 TUNES (not A1200)
M006 BAT-DANCE REMIXED
M017 GUNS & ROSES - YOU'RE CRAZY.
M018 THE XMAS SONG (disk) very funny
M025 MONEY FOR NOTHING-DIRE STRAITS HIT song
M027 BLUES HOUSE (2 disks)
M084 C64 GAMES MUSIC
M115 MAHONEY & KAKTUS 2 - 40 tunes compilation
M125 ADAMS FAMILY
M147 BANGLES - Walk Like An Egyptian
M150 TIFFANNY I Think We're Alone Now
M171 MADONNA - (Like a Virgin)
M173 JANET JACKSON - RHYTHM NATION
M177 PET SHOP BOYS
M184 SAM FOX - (PLEASE ME)
M186 MADONNA - (RESCUE ME)
M188 JOE Le TAXI
M189 MICHAEL JACKSON (SMOOTH CRIMINAL)
M194 JESUS ON E'S (2 disks)
M205 RAVE - more Rave
M262 A TO Z OF C64 GAMES MUSIC (4) brilliant
M314 DICK TRACY (madonna) (2)
M335 STAR TREK & STAR TREK NEXT GENERATION (2)

PRINTER MANAGER

U427 PRINTER-STUDIO excellent print results
U599 PRINTER TOOL - includes typewriter, spooler etc
U792 PRINT LABELS print disk labels/banners
U793 STAR PRINTER STUDIO - for all star printers
U794 SEIKOS STUDIO - For all Seiko printer more specific printer driver for the above printer
U733 PANASONIC STUDIO - 9 & 24 pin printer driver & util
U734 CANON PRINTER STUDIO(not A500 (1.3)
U735 PRINTER STAR 24/200 FONT DESIGNER - shareware
U782 CITIZEN PRINTER MANAGER for all Citizen printer owners containing many useful printer utils & drivers
U884 CANNON PRINTER STUDIO for all models for use with cannon printers
U757 150+ PRINTER DRIVERS largest collection

VIDEO TITLER/TOOLS

U181 VIDEO NOTE database for your video collection
U431 VIDEO APPLICATION (2 disks) many video titler prog
U250 VIDEO TOOL (3) loads of video utils. Recommended
U964 TELESUBTITLE - new video titler
U965 VIDEO MAKE V4.33 The latest in video
U352 DESKTOP VIDEO 1 & 2 (best video titler tool) cataloguing system, Dozens of functions
U671 TELE TITLE 2 - Great new VIDEOS titler
U513 VIDEO TITLER (2 disks) more VIDEO TITLER-BEST
U920 TELESCROLL 2 (not WB1.3) Easy to use Video titler loads of features
U921 WEDDING VIDEO ANIM (2 disks) Requires D.Paint 3/4 Very high quality
U922 CAPTION MACHINE excellent video titler
U923 VIDEO MANAGER (not A500 1.3) Video Cataloguing system
U925 VIDEO TITLER - very good video titler

TOP VARIOUS UTILITIES

U496 EASY PRINT (A500 only) lots of printing utils
U498 WORK MATE 15 brilliant disk utils compilation
U501 THE MUSIC CONSTRUCTION KIT (state Amiga owned)
U504 HOT STUFF more util disk compilations
U505 VIRUS KILLER & DISK RESALVGE / REPAIR KIT
U507 DCOPY V3 PROFESSIONAL Excellent disk copier
U509 ULT BOOT BLOCK 40+ bootblock generator/maker
U510 ULTIMATE BOOTBLOCK Collection II + more
U512 ZIRCON UTIL 30 MOST USEFUL UTIL 2. brilliant
U515 WIT COMPETE UTIL 20 most used utils

U762 FAKE FAST MEMORY make older software run
U777 TELETEXT RECEIVER Project. Highly recommended
U781 DOSTRACE V2 display information why some program refuse to run. Also monitor Amiga activity RECOMMENDED
U783 POOL WINNER GOLD must for all gamblers
U789 HARD DISK MEMORY V2 use HD as memory (re MMU)
U790 WINDOW BENCH V2 (WB 2/3) 2 disk new workbench replacement, include lots of useful utilities
U791 COMPUTER DIAGNOSTIC TEST V9 Amiga complete system tester

U1001 CAR DATA ANALYST-check your car performance
U1002 TURBO CAT-(WB 2&3 only) catalogue creator
U1003 LOTTORY WINNER V2-new version
U1005 BASIC-ELECTRONIC-Teach all about eletronic
U1006 LOTTO LUNACY V2 Update latest lottery predictor
U1007 ALL NEW HARD-DISK & FLOPPY DISK TOOL 2 (2)
U1008 HARD-WARE PROJECT 2 (2) Build down of project to fit Amigas in a tower case
U1009 DATA ALERT 3-explain why your computer crash
U1010 WB2.04 INSTALLER-install A500+/A600 to HD

STAR-TREK MANIA

IF YOU LIKE QUALITY STAR TREK RAY-TRACE ANIM, THEN THIS PACK IS FOR YOU. 5 DISKS OF STUNNING STAR TREK ANIMATIONS. BETTER THAN HOLODECK SERIES. COMPLETE STAR TREK MANIA

STAR TREK & STARTREKING

One of the most complete startrek shows ever includes 100's of pictures from the original, NG series, DEEP SPACE 9 & the brand new STAR TREK VOYAGER must for all Star Trek fans
6 disk set only £5.95 require HD

Printer Pack

5 disk pack with all the latest printing programs specially designed for printing out high quality documents, text & pictures ect. and it is even able to print out A5 Booklets (ver handy), Easy to use.
A must for any Amiga owner with printer
Printer Pack (5 disks) only £4.99

WORKBENCH EXTRA UTILITIES

Collection of the best WB utilities like Tool/Deamon, Snoopdos V3, lost file finder, Memory monitor, Latest virus killer, Wb Disk Copier etc. much too many to list. All on 2 disks only £1.98 (not WB1.3)
RECOMMENDED

AMOS

This is the largest collection of Amos hints, tips, procedures, routines, subroutines, graphics, utilities, Scrollers routines, library & some of the top games source code, This pack will help you write more pack & much faster programme
10 DISK PACK ..£10.90 compatible with all Amos & Amos

GAMES

G872 SCHNEBITZ Commercial quality puzzle games
G875 DELEXE GALA v2.3(new) add new feature &bouns gamme + 2 player RECOMMEND. get it now
G876 THE KRILLIAN INCENDENT like ELITE2/Epic
G878 QUANTUM-Maze colect & escape type games

NEW
101 GAMES PK 3

new 101 pack 3 contains over 100 games. run on all Amigas only £11.99 offer buy any 2 pack together & recieve a free £4 token for use with next order "this offer cannot be used with any other offer current & subject to condition apply

G879 RAG TO RICHES - like MONOPLY
G884 WIPE OUT-mindless blasting games
G885 GODZILLA Another shootem up
G886 SUPER MEGA FRUIT- All new Fruit Machine
G888 DRIVING MANIAC 3D (fill vector like A500) car racing- very fast. RECOMMEND
G889 PLANET FALL - Luner Lander clone
G891 BUCK TOOTH ADVENTURE Very good multilevel shoot/collect em up RECOMMEND
G892 PENGO 2- Maze type games. Recommend
G893 SUPER OBLITERATION Blast asteroid very similar to PANG 2 lot of weapon RECOMMEND
G894 SUPER INVASION II -New SPACING INVADER
G897 THE SHEPERD Brilliant POPULUS clone. REC
G898 ALIEN GENOCIDE (2) Shoot aliens set in space.
G899 PUCKMAN. One of the better PacMan around.
G900 SUPER-BATTLE ZONE 3D (not WB1.3)
G901 M*A*S*H a (ANTWAR 2) play very similar to LEMMING & WORM, with load of Weapon (Brilliant)
G904 LAST SOLDIER (2) multilevel platform games
G905 CIBBERTECH (2) excellent ALIEN BREED Clone
G906 HANGMAN any one for a game?
G907 ACE SPACE nice Platform games
G908 COLOURMANIA slide/Klotz type puzzle games
G910 HARRY-HADDOCK- Brilliant platformer games
G912 MANGLE FENDER -Brilliant. Smash up other car/tank ect to win. extremly addicted. get it
G913 ARCADE GAMES CLASSIC Vol 1 & 2 (2d)
G914 HELICOPTER-play like Desert strike
G915 COW WARS. Very addicted 2 player games
G916 ISLAND -Play like Monoply.
G919 COP THE LOT Pro Latest Lottery predictor
G920 LOTTERY PROFFESIONAL This version use
G921 MONOPLY (board games) The best version
G922 JET WILLY 3 - excellent platform games
G923 FLAMMING ENGINE-Superb car racing
G924 POWER MACHINES. Grahicaly brilliant shoot
G925 SUICIDE-MACHINE Operation wolf style
G926 ZAXXON 3D Superb C64 3D blaster games
G927 BOING V3. Great platformer. recommend
G928 PUNTER-Animate horse racing games
G929 ARCADE JIGSAW (3d) include LION KING

101 GAMES 2
PRICE ONLY £10.99

101 GAMES
PRICE ONLY £9.99

GAME HINTS & CHEATS II

Play your favourite game for ages? but can't get to the end of the level or game? Having problem with some games? 5 disk pack with 1000's of games cheats/help/level code action replay poke etc should help you finish many games suitable for all Amigas only £4.95
Update & release on 29 July 95

EDUCATION

E001 KID PAINTS. superb paint special for kids
E002 COLOUR IT brilliant computer colouring book
E003 TREASURE SEARCH find the hidden treasure.
E004 LEARN & PLAY (not A1200)many maths & games
E005 LEARN & PLAY II more education programes
E006 SPANISH TRANSLATOR Spanish<-> English
E008 MR MEN (WB1.3only) brilliant story adventure

E100 LITTLE TRAVELER information on world wide
E101 WORLD GEOGRAPHY world with map & text.
E103 DISCOVERY OF THE ATOM. tutorial on the Atom
DESK TOP GUIDE TO MUSIC(3D) guide & tutorial
E107 TRUMPTY FIREWORK ALPHABET Very entertaining teach your child the ALPHABET
E108 HOW TO DELOVOPE PHOTO 1 (2) Excellent

E011 EDUCATION PACK 1

EDUCATION & 21 GAMES pack

KID DISKS 1,2,3,4

WE ALSO STOCK THE ENTIRE COLLECTION OF LSD TOOLS 1-150 SCOPE 1-220 FRED FISH 1-1000 LSD DOCS 1-46 ASSASSIN GAMES 1-200 ETC

100 TOP DEMOS

The Largest collection of demos ever released this pack contains over 100 top demos. Must for all Demos. Our top seller .... RECOMMEND

Only £7.95 suitable for any AMIGAS

Special Packs

ONLY £4.99 PER PACK

ALL PACKS SUITABLE FOR ANY AMIGA SYSTEM

Board Games Pack 1 (5 disks)
Brilliant collection of the best board games eg, SCRABBLE (new), Monopoly, Chess, Dice, Dominoes, Clue ect Much too many to list

Arcade Games Pack 2 (5 disks)
Collection of the very best classic arcade games EG.centipede Space Invader, Pacman, ect & many more. RECOMMEND.

Card Games Pack 3 (5 disks)
Carefully pick the finest card games like Poker, Spade, Bridge, Blackjack, Pontoon, Solitare, Klondike ect & many more

Puzzle Games Pack 4 (5 disks)
A pack with quality puzzle games like Simon, Rubik Cube Rockford, Picture Puzzle & many more. Much too many to list

Mini Workbench Games (5 disks)
One of the most interesting packs. 5 disks crammed full of unique tiny but perfect replica games, a bit like playing on the Game Boy. It can be extremely fun to play a tiny game likes Pacman, Tetriz ect. RECOMMEND

COMMODORE C64 V3



The very latest version. Now you can play real Commodore C64 games on your Amiga All pack below are complete & ready to play directly on your Amiga. Printed instruction provide

C64 & 45 original games	£4.99
C64 & 100 original games	£8.99
C64 & 200 original games	£16.99

Ps. C64 & 100 games pack got 88% review in Amiga Shopper Issue 54

ZX SPECTRUM 48K



Now You Can Play 100s + 100s Of Spectrum 48K Gameson Your Amiga. Any Pack Below Is Complete & Ready To Run On Your Amiga. Full Printed Instructions Provided

SPECTRUM & 50 GAMES PK1 ONLY £4.99
SPECTRUM & 100 GAMES PK2 ONLY £7.99
SPECTRUM & 200 GAMES PK3 ONLY £11.99

SPECIAL OFFER
Take All 3 Packs Above & 50 New Spectrum Games For Only £19.99

More spectrum games available <.......screen shot from AMIGA

Special offer

C64 & 45 games pack
Spectrum V2 & 50 games
Vic20 & 30 games

All 3 packs for only £9.99

SEE LEFT FOR DESCRIPTION

1000 SPECTRUM GAMES PACK

come on very large number of disks twice more games than the SPECTRUM GAMES CD. Spectrum V2 emulator included hurry order now limited pack available only £39.99

C64 V3 PK4

Special offer C64 v3 and 45, 100, 200 games pack with extra 55 C64 games making 400 C64 games & utilities disk come on very number of disk + games list & loading leaflet. Only £24.99

see C64 or Spectrum advert box for more detail

AGA A1200 & A4000 ONLY

THIS LISTING ARE FOR USE WITH AGA AMIGA

EXTENSION DEMO Stunning demo, fast landscape anim rotating city, regard the best AGA demo
FRACTAL GENERATOR fractal in 256 colour.
WORKBENCH HACK many hack/toy/blanker ect
NEW SUPER KILLER know kmow & kill over316 type of virus must for all A1200 owner
MINDWARP very first demo for the A1200
KLONDIKE DELUXE AGA (3D) the best A1200 cardgames with glamours lady as cards face 18 + only
SLEEPLESS NIGHT 3
PLANET GROOVE Truly A1200 Demos
MOTOR INVADER 2 (2D) Brilliant INVADER game
POINT OF SCALE Great A1200 only demos
CHROMAS- Fairly good demo.
WORLD OF MANGA (4DISK) magnificent Japanesecomic slideshow include Japanes Chick ect recommend
MAGIC WORKBENCH Improve the look of your WB& add new function to your WB really BRILLIANT
WB 3 UTILITIES load of Wb 3 only utilities
U-CHESS the best chess program games sofar but require 4megs. Brillant graphic
WORKBENCH 3 SCREEN Great back drop
ADULT SLIDE Vol 1-9 (2 disk each) *see below
BODY SHOP VOL 1-7 (2 disk each) *see below
FITCHICK vol 1-3(2disk each) *see belowto order any disk please state disk code &volume no? (remember 2 disk per volume)

DEGRADER

A1200 FIX DISK COLLECTION 1
A1200 FIX DISK 2 COLLECTION 2
RELOCKIT V1.4a latest. run A500 SOFTWARE
A1200 FIX DISK VOL 3 (new july 95)
The above are design to make any old A500-A600 Amiga programes/games ect to run on your A1200/A4000
FOR ALL AGA AMIGA OWNER. RECOMMEND

A1200 UTIL - AGA TESTER, SYSINFO ect
ACTION REPLAY V4 Complete ACTION REPLAY.
MADFIGHTER 2 brillant street fighter clone
AGA BLITZ SCREEN BLANKER
FAST GIFF 2 display GIFF pic In Workbench.
AGA DIAGNOSTIC - NEW system tester
BLACK BOARD AGA decent Image processor
QUICK GRAB AGA -grab AGA screen PICTUREAGA110
BEYONDS 1 (3) stunning 256 COLOUR fantasy art. userbreathless
SMELL LIKE CHANEL NO5 brillant demoray trace picture release on the A1200
MAGIC FACTORY 1 STAR TREK (5 disk)
AGA UTIL v1&2 (2) AGA util compilation
AGA UTIL V3 &4 (2) more of above
MULTIBOOT- 4 various version A500 EMU
OFFICIAL WORKBENCH 3 HARDDRIVE INSTALLER
WB3 HARDDISK PREF & INSTALLER installing
CROSS DOS PLUS v5.1 read/write PC files
SUPER LEAGUE 3 -latest manager games
SPEAK & SPELL - educational software for kid
BIG TOPS (18 + only)HMMmm
KELOG LAND -brillant platform games
ACTION REPLAY V5 - NEW UP DATE TO V4
TIGER TRIZ very playable 256 colour tetriz
FATAL-BLOW new STREET-FIGHTER 2 clone
CINDY CRAWFORD Vol1 (2 disk) latest release
INFESTATION (3 disk) The ultimated AGA demo
CINDY CRAWFORD Vol II (2disk) amazing
VIDEO TRACKER AGA-ultimate demo maker
MAGIC WB EXTRA vol 1 & 2 (2disk)
GIF BEAUTIES Vol (11-18) 8 more girls disk
FRIDAY AT 8 another brillant AGA demos
ASSASIN MULTIVISION AGA pic viewing util
ALIEN FRENZE 2 player blasting +power up
BIG TIME SENSUAL (2disk) SPACE BALL 2
MASQUERADE 2disk brillant puzzle games.
RAM JAM 94 it cat be done (2disk)
EXPLOIT 2 DEMO new effect welldone.
COMPLEX ORIGIN 2disk require 2 diskdrive
TREASURE OF TUTANKHAMUN- eductaion tool
LOVE 2 disk-simply brillant DEMOS
AGA UTIL 7 & 8 (2 disk) .More USEFUL util

AGA234 KNOTTY-Stunning AGA sliding pictre puzzles
AGA240 LOTTERY WINNER hope fully will improveyour chance of winning a jack pot. GOOD-LUCK
AGA241-258 AGA GAME-GALORE AGA 01-18 lot of games
AGA251 PACKMAN AGA -the best pacman yet
AGA252 ROCKET PD - Super thrust clonebrillant graphic for 1 or 2 player
AGA253 REAL DEMO stunning special effect
AGA254 DIRT AGA Brillant 256 colour effect.
AGA255 DELIGHT EXPLORE excllent demo
AGA256 KEFEREN AGA Demo lot of effect
AGA257 MINOMIST RAVE great rave music.
AGA258 OXYGENE Fantastic demo
AGA259 INTEL-OUT another very good demo
AGA260 SOMEJUSTIC94 Demo of the monthbrillant whirl effect. RECOMMEND
AGA262 TO THE DEATH very good STREET-FIGHTER clone with very good graphic.
AGA263 GEORGE GALAXO (2disk) brillantmultilevel shoot/platform game. RECOMMEDN
AGA265 MISSILE OVER ZENON (2disk) Brillant3D missile commander with fantastic graphic
AGA266 TEAM-HOI DINO PLATFORM excellent dinoplatform Note:this disk was a commercial games
AGA274 MUSIC 2 SURVIVE 2disk 8 excellentmusic master piece. well worth getting
AGA271 RAVE MAXIMUM OVERDRIVE II (2disk)
AGA278 CHANNEL Z ISSUE 1 (AGA) (2disk)
AGA base disk magazines. RECOMMENDAGA disk magazine topic.demo/music
AGA285 WORKBENCH BACKDROP VOL 3
AGA295 DE-LUXE MONOPOLY- Board game.V addicted
AGA296 DONKEY KONG Arcade classic conversion
AGA297 BOMB PAC Extreamly good to play
AGA298 ROCKET 2 set deep underground brillantgraphic. even better with 2 player
AGA299 SCRABBLE-Now fully run on all Amiga
AGA300 MAGIC WB V2. Demo of version 2
AGA302 TUTANKHAM II(2) Education-Egyptian MUMMY
AGA303 PAMLA ANDERSON.(2) 18+ only BayWatch Babe
AGA304 BODYSHOP V8 (3) more bikini beauties
AGA305 TIMEZONE (2) V.Good graphic adventures.
AGA307 DENTAWOLF dooms demo
AGA308 NAXIS -Really show what AGA graphic co do
AGA310 FEARS (2d)- dooms clone demo
AGA312 JINX (2d) Fantastic arcade puzzle
AGA313 RAM JAM THE TASTE DEMO.very wicket demo.
AGA315 ILEX MYSTIC. New AGA demos
AGA320 KLONDIKE 3 (4disk) Hd require & 2meg+we aslo have a list of 25 cards for above.
AGA321 HOT-BABE 1 (2) MUST BE OVER
AGA322 HOT-BABE 2 (2) 18
AGA323 HOT-BABE 3 (2) BEFORE
AGA324 HOT-BABE 4 (2) ORDER ANY
AGA325 HOT-BABE 5 (2) OF THE HOT-BABE PACK
Hundred of quality Magic wb icon & back drop
AGA388 DESK-TOP MAGIC- 32 animated screen blanker
AGA389 WAR OF THE WORLDS -full 3D games
AGA390 FEAR 2. Brillant 3D graphic games like
AGA391 PSSST Amiga version of Spectrum games
AGA392 CHILD MURDER(4)Horror graphic adventure
AGA390 FEAR II -Brillant 3D game play just likeDOOM on the PC Garenteed you impress.
AGA393 PC EMULATOR V3- Latest PC emulator
AGA400 HYPER RACE (2) Super racing games
AGA410 CINDY CLAWFORD (3) new
AGA411 ELLE MACPHERSON (3)
AGA412 CLAUDIA SCHIFFER (3)
AGA413 BIG GIRLS II (3)
AGA414 GIRLS GIRLS (2)
AGA415 NIKY TAYLOR (2)
AGA417 KYLIE MINOUGE (3)
AGA418 FEMALE BODY BUILDER (3)
AGA419 EXCELLENT CARD GAMES 3 latest
AGA420 POKER & BLACK JACK DELUXE (3)4MEG
AGA421 COLOUR WB make your WB more colourful
AGA422 RIDGE RACER Demo on the Amiga,
AGA423 DRUG STORE DEMOS (2disk)
AGA424 DREAM WALKER (2) Demos
AGA425 MYSTIC DEMOS(2) 95 excellent demos
AGA426 ORIGIN 2 (2 DISK), Amazing

SEE PAGE 1 FOR MORE SOFTWARE FOR YOUR AMIGA

SOFTWARE2000 DOUBLE CD CONTAIN

OVER 1965 DISKS



This is the big one! Nearly 2000 original disk from the SOFTWARE2000 library included on a Double CD set. For title list just take a look at this Doubles advert for example of titles & packs which can be found on these CDs. No lucky dip or unknown software. Full description on every disks/titles. Very easy to use menu-system on both CDs. This unique menus system lets you explore the contents of both CDs without disc swapping....., Excellent. See below.

UPDATE & RELEASE 1-OCTOBER 95 AVAILABLE NOW

EXAMPLE OF DISK CAN BE FOUND ON THE DOUBLE CD SET

294 VARIOUS UTILITIES DISKS,
252 ANIMATION DISKS,
181 AGA DISKS,
92 TOP SAMPLE AND FX DISKS,
118 EDUCATIONS DISK,
133 DEMOS,
225 MUSIC DISKS,
18 DEMOS (Adults only)
402 +VARIOUS GAMES DISKS - With an estimate of around 1000 Amiga games,
50 LATEST MAGIC WB & BACKDROP Versions for all Amigas also includes 100's of Imagine Obj, 600 Amiga fonts, 100's quality B&W & colour clip art & many more

ALSO INDLUDED ON THE CDS ARE

OVER		AROUND
1000	&	700-1000
NEW Spectrum Games (Play direct from CD)	Both Never been released on any CD Roms	NEW C64 Games Files (EMULATOR INCLUDED)

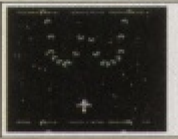
- ☑ Over 600MB per CD
- ☑ Menu Compatible with All Amigas
- ☑ No duplicate of data
- ☑ Very Easy to use Menu

RRP £34.99 NEW PRICE

2 CD SET VOLUME 1

ONLY £29.99 +70p for P&P

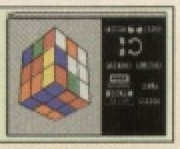
ARCADE GAMES II



COLLECTION OF THE VERY BEST SHOOT EM UPS MUST FOR ANY GAMES PLAYER

5 disk pack only £4.99

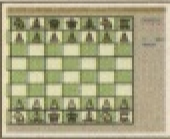
PUZZLE GAMES II



Massive collection of all the very best puzzle games ever released including some of the classics like Rubic-cube, Picture-Puzzles etc.. much too many to list. Very popular

5 disk pack only £4.99

BOARD GAME II



The very best board games ever released. This pack contains the very latest CHESS, CHECKER, SCRABBLE, MONOPOLY & DOMINOES recommend **5 disk pack only £4.99**

VARIOUS PACK

Any pack comes on 5 disks only £4.95 per pack

COLOUR FONTS pack	(1 or Pack 2)
MONO FONTS Pack	(1 or Pack 2)
High quality fonts for use with DPaint of Personal Paints	
VARIOUS CLIPART pack	(1,2,3 or 5)
COLOUR WORLD MAP High quality world map	(Pack 1,2 or 3)
COMPUTA-GRAPHIC FONT High quality font for WORDSWORTH or any DTP	(Pack 1,2,3,4 or 5)
IMAGINE VARIOUS OBJECT	(Pack 1,2 or 3)
REAL 3D VARIOUS OBJECT	(Pack 1,2 or 3)
LIGHTWAVE VARIOUS OBJ	(Pack 1,2 or 3)
TRUE FONT FOR ABOVE	(Pack 1,2 or 3)
(Please state for which pack above)	

We also stock many more packs. Please Phone

LOTTERY WINNER

EXCELLENT COLLECTION OF VARIOUS LOTTERY WINNER PREDICTION PROGRAM

HIGHLY RECOMMEND
Pack only £4.99

UFO THE CLOSE ENCOUNTER

100s of real life documents of UFO sightings, kidnappings & Animal mutilation and many more. Very interesting read 6 Disk set only £5.99

UFO - ALIENS MULTIMEDIA

100s of documented cases on UFO sightings, abductions, Cattle mutilation & many more. Many with photo to back up the claim. some are so secret only released recently by law

9 disk pack only £8.99

CARD GAMES PACK II



FOR ALL CARD GAMES FANS. If You Like Poker, Black Jack, Spade, Pontoon, Solitaire, Bridge, Klondike etc then this pack is a must

Only £4.99

This pack contains 5 disks

BUSINESS SOFTWARE

TEXT PLUS 2.2e easy to used word processor
BANKING Home account program
LABEL DESIGNER design your own labels
CALV 1.2 Excellent Datebase prog. RECOMMENDED
DESKTOP PUBLISHING The best PD DTP available
BUSINESS CARD MAKER (not A1200) brillant
600 BUSINESS LETTER very handy. Get it now
BUSINESS CARD MAKER - can Print in colour
DATA BASE WORKSHOP (2) brillant PACK
SPREAD SHEET Very easy to used spreadsheet
QUICK BASE Very powerful Database. Easy to use
RIM DATABASE powerful database + full DOC
AMIBASE - Professional II The best database yet
TEXTRA Can edit several documents at once
FLEXI BASE Small easy to operate database
PENNY WISE very powerful database
VISICALC Great database lots o functions
TEXT-ENGINE V3.4 - full feature wordprocessor
LITTLE OFFICE - database/wordprocessor/spreadsheet
HOME BUSINESS JOURNAL - easy to use database
BON APPETIT DATABASE many receipt
HOME ACCOUNT - Account program
AMICASH regarded as the best account prog. Excellent
JOURNAL full feature account program
LORAN NOTE BOOK database & world map
DATA BASE compilation - best sell to date
MORTGAGE CALC calculate mortgage repayment rate etc
MONEY PROGRAM very good account program
ACCOUNT MASTER V2.8 new account program
HOUSE INVENTORY - ideal for home insurance
ADDRESS PRINT V2.1 store & print addresses
TEXT-PLUS V4.0 pro requires HD & 2meg
TEXT ENGINES V4.1 latest 36,000 word spellchecker
INVENTORY 2 details of home contents, for insurance
EDWORD PROFESSIONAL truly the best wordprocessor
EASYCAL + massive spreadsheet max 92583 cells
PAY ADVICE ANALAZER - money prog.
ADDRESS PRINTING print addresses on labels
PAY ADVICE V3 account program
LABEL MAKER - print labels etc. new
THE MONEY PROGRAM - Accounts
LOANS ACCOUNT
ONFORM One of the best Invoice makers
ACCOUNT MASTER V2.2 (latest) program s up to 1000 entries per account

LITTLE OFFICE 2

New Release includes
550 Business Letters
Word Processor
Calendar
Name & Address Database

All this for only £1.99

COMPATIBLE WITH ALL AMIGA

Harddrive & disk drive space doubler

Epu V1.6 this doubles the size of your HD or DISK Drive storage capacity. RECOMMEND

U971 EPU V1.6 only .99p

SUITABLE FOR WB2/3

18 DEMOS

MUST BE OVER 18

X80 CINDY CRAWFORD (2)
X74 MADONA (SEX) (3)
X01 SHOWER GIRL
X03 BODY TALK (2)
X09 MARIE WHITTAKER
X24 SABRINA SPECIAL
X25 DIE FILKINGER
X26 MADONNA EARLY DAY
X28 KATHY LLOYD
X30 MEGA-MAID
X31 CALENDER GIRL
X32 MAY FAIR
X33 UTOPIA (4 DISK)
X45 GIRLS OF SPORT
X49 PAGE 3 GIRL
X70 GON GON GIRL
X71 TINA SMALLhot
X91 CINDY CALENDAR 95
X96 HOT BABE 1
X97 HOT BABE 2
X98 HOT BABE 3
X99 HOT BABE 4
X100 HOT BABE 5
X101 BIG GIRL II
X102 FEMALE BODY BUILDER
X103 GIRLS GIRLS
X105 ELLE MACPHERSON
X106 CLAUDIA SCHIFFER

MANGA AKIRA



Brilliant pack of 6 disks containing some of the best MANGA AKIRA Games, Animations, Slidshows, Demos. All based on the Japanese MANGA. 6 disks only £5.95. Run on all AMIGAS

NEW - MAGIC WB

(IMPROVE YOUR WORKBENCH BY 500%)
this new version of magic wb are fully compatible any amiga even the very basic amiga can now run magic wb. THE PICTURE IN THIS BOX IS AN EXAMPLE OF MAGIC WB

U995	Magic WB 1.3	.For any Amiga (WB1.3,-3.0)
AGA021	Magic WB AGA	.Special A1200 & 4000

EXTRA FOR USE WITH ABOVE

MAGIC WB EXTRA vol 1-12 (2 disk per volume)
TO ORDER ANY MAGIC WB EXTRA JUST WRITE MAGIC WB EXTRA & VOL REQUIRED

BACKDROP FOR USE WITH ABOVE
each disk pack with dozens of quality back drops for use with Magic WB
VARIOUS B-D 1 (4D)
VARIOUS B-D 2 (2D)
MANGA B-D 2 (2D)
SEXY BACK DROP (1D)
NEW AMIGA LOGO (1D)
MAGIC SCENERY (2D)

SPECIAL OFFER
Magic WB pack
Magic WB Vol 1-6 total (12) ..only £7
Magic WB Vol 7-12 total (12) ..only £8
Each pack above when unpacked will fill 12 disks full of Magic WB just like above retail at £1.98 per volume
VERY EASY TO UNPACK

HARDWARE PROJECT III

Build dozens of project. Include an a accerate for an A500 for less than £15 install 3.5 HD in your A600 & A1200. Put your A500/A600/A1200 in a towercase for less than £30, Use 1.44 PC disk drive on your Amiga, Add an Pocket Modem to your Amiga & many many more this could save you £££...(not for beginner) ......3 disk pack only £5

WE ALSO STOCK THE ENTIRE COLLECTION OF LSD TOOLS 1-150 SCOPE 1-220 FRED FISH 1-1000 LSD DOCS 1-46 ASSASSIN GAMES 1-200 ETC

DemoManiac

■ Price: £12.99 ■ Developer: Black Legend ■ Supplier: Black Legend © 01438 840 003

Black Legend's swirly twirly demo maker finally gets a full release. Like, wow man!

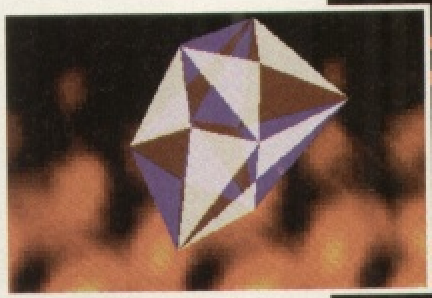
Do you ever get the urge to write your own demo, but don't have the programming knowledge to pull it off? *DemoManiac* aims to solve this problem by giving you a bunch of nifty graphics effects and a point-and-click interface to string them all together with your own soundtrack. Red Sector's Demo Maker and Peter van Campen's popular *VideoTracker* have already proven that demo construction kits like this can produce stunning results when a bit of style and originality is exercised. So, at just £12.99 *DemoManiac* looks like quite an attractive proposition.

Stacked effects

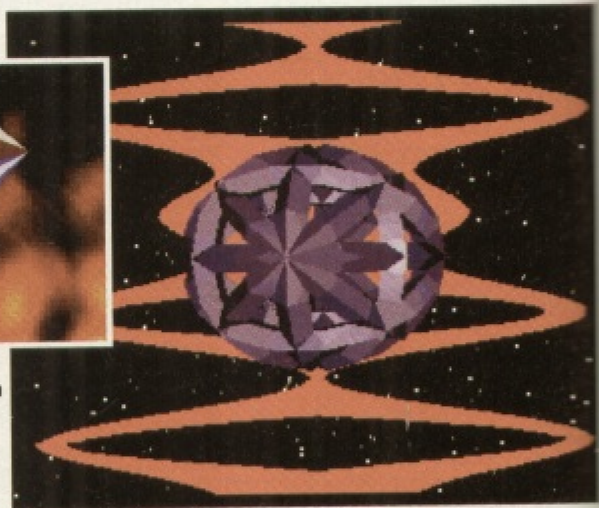
Demos are created by selecting effects and wipes from a trio of menus. These can then have their parameters altered via slider bars, giving you plenty of options for customising the graphics. Some effects can only be used on their own, while others can be stacked up with more effects to display a maximum of six simultaneously. These can be combined with wipe effects, such as fades and bounces. There are also a few options for mouse-controlled interaction.

Next the effects need to be put together in a sequence or script. Various commands are available to control the script that allow the creation of loops and basic program structures. Apart from the basic animation playing and picture viewing routines, there are some very nice graphics effects, including fire, wobbly sine patterns and some picture distortion routines. However, there's not enough choice for you to be able to put together a really individual demo.

Soundtracks can be loaded and played with graphics. However, Despite claims that *DemoManiac* is compatible with music created in all major music packages, *OctaMED* is not catered for. There are 14 variants of the tracker format supported but before you can load a module you need to select the correct player from the list. If you get it wrong, at best the music will be play incorrectly, at worst the computer will crash. Oh dear.



▲ One of the best effects is called Flames, which generates a smooth plasma-style backdrop.



▲ Here there are three effects all up at once: a startfield, a plasmaground and a vector object.

When your demo is finished you can save it out as an executable file that can be run independently of the *DemoManiac* program. As you work you can also save your crèations as *DemoManiac* files.

Call Rentokil

DemoManiac seems to be in an unfinished state, even though we first saw this program a year ago. The software refers to the program as '*Demo Mania*' while the packaging likes to call it '*DemoManiac*'. Curiously the contents page headline reads '*Demo Mania*' with a lonely letter 'C' sitting beneath the title on the next line down. It may seem that I'm being overly picky here, but this does seem to reflect the general state of the program.

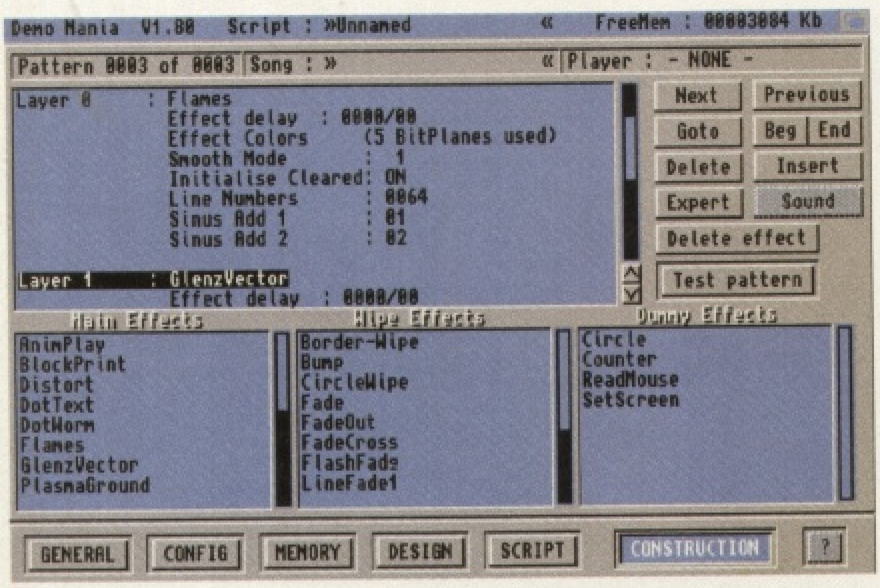
Bugs are evident. They're not all major, such as the one that writes text outside of the confines of its box and all over the slider bar and surrounding screen. You'll also have to be prepared for a number of crashes for no apparent reason. If anything is going to make your Amiga crash, it's routines like these that hit the hardware with a bang. If you have an accelerator in your Amiga then things seem even more likely to crash.

Conclusion

The editor has obviously had a fair bit of thought put into its design, but it's still not as intuitive and simple as it should be. There are too many stages in the construction of a demo, with data banks, effects lists and scripts combining to confuse things. All of this could be replaced by a single list of effects and a timeline to sync them up to the music. The inconsistencies in the user interface also complicates matters.

DemoManiac can be used on any Amiga if enough memory is available' and AGA graphics are supported. Considering the low price and the impressive (if small) selection of effects on offer, *DemoManiac* would be worth checking out if you want to try your hand at a bit of demo creation. However, be prepared, the price does reflect the program's various shortcomings. ■

Tony Horgan



▲ This is the main screen used in the construction of a demo. Effects are chosen from the list at the bottom left of the screen, and then embellished with extras from the other menus to the right.

DEMOMANIAC

A500 | A500+ | A600 | A1200 | A1500 | A2000 | A3000 | A4000

system requirements: Any Amiga

ease of use 78%
Generally okay but the construction system is over complicated.

performance 60%
Capable of a few nice effects but let down by bugs and crashes.

value for money 76%
It's cheap but so it should be in this unfinished state.

OVERALL
Fun but rough around the edges.
68%

ZONE 1 Seeing is believing!



3.5" DISK

Code	Title	Price
P0349	1942: Pacific Air War	27.99
P0220	A-Train & Construction Set	14.99
P0230	Aces of the Deep	25.99
P0165	Aladdin	19.99
P0366	Alone in the Dark 2	25.99
P0277	Battle Isle II	25.99
P0580	Battledrome	13.99
P0394	Beneath a Steel Sky	25.99
P0685	Cannon Fodder	22.99
P0350	Cannon Fodder 2	22.99
P0435	Championship Manager Coll	17.99
P0581	Chessmaster Turbo	22.99
P0292	Colonization	19.99
P0520	Dawn Patrol	27.99
P0011	Day of the Tentacle	16.99
P0012	Defender of the Empire	13.99
P0286	Dune 2	11.49
P0579	Earthsiege	25.99
P0193	Ecstatica	25.99
P0185	Elder Scrolls - The Arena	28.99
P0368	Eye of the Beholder	12.49
P0515	F-14 Fleet Defender	27.99
P0257	FIFA International Soccer	25.99
P0782	First Encounters	25.99
P0363	Frontier: Elite 2	16.99
P0692	Full Throttle	29.99
P0392	Gabriel Knight	25.99
P0358	Great Naval Battles	11.49
P0358	Heimdall 2	13.99
P0010	Indiana Jones & Fate of Atlantis	16.99
P0273	Indycar Racing	19.99
P0594	Jimmy White's Snooker	11.49
P0803	Jurassic Park	9.99
P0806	Kings Quest 5	12.99
P0056	Klik and Play	29.99
P0393	Leisure Suit Larry 6	22.99
P0188	Legend of Kyrandia	11.49
P0166	Lion King	19.99
P0362	Litil Divil	13.99
P0546	Lure of the Temptress	11.49
P0269	Man. Utd - Premier League	13.99
P0293	Master of Magic	27.99
P0403	Micro Machines	19.99
P0521	Monkey Island	12.49
P0135	Monkey Island 2	12.49
P0506	MS Flight Simulator 5	25.99
P0272	NASCAR Racing	25.99
P0588	NHL Hockey	27.99
P0249	On the Ball - World Cup Edition	22.99
P0301	Outpost	25.99
P0134	Overlord	27.99
P0646	Pacific Strike	30.99
P0388	Pagan : Ultima VIII	32.99
P0262	PGA Tour Golf Plus	11.49
P0582	Pinball Dreams 2	13.99
P0693	Police Quest 4	19.99
P0625	Power Drive	19.99
P0261	Premier Manager 3	22.99
P0200	Quarantine	19.99
P0426	Rise of the Robots SVGA	28.99
P0694	Rise of the Triad	19.99
P0008	Sam and Max Hit the Road	16.99
P0121	Secret Weapons of Luftwaffe	12.49
P0620	Sensible Soccer (Int'l Edition)	13.99
P0208	Settlers	25.99
P0222	Sim City & Graphic Set	14.99
P0219	SIMCITY 2000	25.99
P0404	Space Hulk	27.99
P0599	Speedball 2 : Brutal Deluxe	7.99
P0217	Subwar 2050	27.99
P0628	Syndicate Plus	27.99
P0384	System Shock	27.99
P0252	Tactical Manager	22.99
P0516	TFX	27.99
P0209	Theme Park	27.99
P0009	Tie Fighter: Def of the Empire	32.99
P0295	Transport Tycoon	27.99
P0644	UFO	27.99
P0212	Ultima 6	11.49
P0186	Ultima 7	12.49
P0187	Ultima Underworld	11.49
P0583	Unneccessary Roughness	25.99
P0495	Wing Commander	11.49
P0259	World Cup Year '94	22.99

CD ROM

Code	Title	Price
R0449	7th Guest & Dune	19.99
R0181	Aces of the Deep	27.99
R0117	All New World of Lemmings	25.99
R0653	Apache Longbow	24.99
R0039	Award Winners Gold	16.99
R0466	Award Winners Platinum	16.99
R0098	B-17 Flying Fortress	12.49
R0356	Battle Isle II	32.99
R0468	Bloodwings	34.99
R0290	Cannon Fodder/Ben.A Steel Sky	19.99
R0276	Classic Collection (Access)	16.99
R0277	Classic Collection (Velocity)	16.99
R0210	Colonization	27.99
R0040	Combat Classics 3	22.99
R0656	Command & Conquer	31.99
R0337	Cover Girl Strip Poker	19.99
R0161	Creature Shock	32.99
R0030	Cyberia	30.99
R0237	D Generation	11.49
R0382	Dark Forces	32.99
R0309	Dawn Patrol	14.99
R0013	Day of the Tentacle	14.99
R0383	Discworld	32.99
R0165	Doom 2	34.99
R0017	Dragon Lore	27.99
R0010	Dreamweb	27.99
R0045	Dune 2/Lure of the Temptress	13.99
R0342	Earthsiege	27.99
R0149	Elder Scrolls - The Arena	28.99
R0242	Elite 2 : Frontier	25.99
R0219	Empire Deluxe Masters Edition	23.49
R0249	Eye of the Beholder	11.49
R0308	F-15 Strike Eagle 3	12.49
R0392	F-19 Stealth Fighter	11.49
R0728	Fade to Black	35.99
R0194	FIFA International Soccer	25.99
R0256	Gabriel Knight	24.99
R0467	Hi Octane	34.99
R0057	Hits for 6 Vol.5	12.99
R0015	Ind. Jones & Fate of Atlantis	19.99
R0502	Jagged Alliance	26.49
R0285	Kings Quest Collection	27.99
R0156	Kyrandia 3	22.99
R0724	Labyrinth of Time	12.99
R0628	Leisure Suit Larry Collection	19.99
R0617	Lemmings 1 & 2	12.99
R0008	Little Big Adventure	19.99
R0211	Master of Magic	27.99
R0023	Monty Python's Waste of Time	34.99
R0007	Noctropolis	12.99
R0239	Myst	34.99
R0193	Network Q RAC Rally	15.99
R0727	Need for Speed	34.99
R0190	NHL Hockey 95	12.99
R0180	Outpost	19.99
R0253	Ultima 8 (Speech Pack)	39.99
R0191	PGA Tour Golf	32.99
R0675	Phantasmagoria	34.99
R0459	Pizza Tycoon	27.99
R0024	Police Quest 4	27.99
R0520	Prisoner of Ice	29.99
R0099	Privateer	12.99
R0384	Rise of the Triad	19.99
R0014	Sam and Max Hit the Road	25.99
R0182	Star Trek TNG : A Final Unity	34.99
R0650	Sim Tower	28.49
R0175	SIMCITY 2000	30.99
R0003	Simon the Sorceror	14.99
R0469	Simon the Sorceror 2	26.49
R0722	Space Hulk	12.99
R0205	Syndicate & Mission Disk	12.99
R0455	System Shock	12.99
R0633	Terminal Velocity	24.99
R0171	Theme Park	27.99
R0213	Transport Tycoon	27.99
R0284	Triple Action Pack Vol.5	7.99
R0214	UFO/Master of Orion	28.99
R0253	Ultima 8 with Speech Pack	39.99
R0328	Universe	25.99
R0486	Virtual Pool	29.99
R0493	Wing Commander 2	12.99
R0096	Wing Commander 3	39.99
R0353	World Cup USA 94	20.99
R0322	Zool 2	22.99

EDUCATIONAL (3.5" DISK)

Code	Title	Price
P0560	ADI-English (11-12 Years)	16.99
P0459	ADI-English (12-13 Years)	16.99
P0463	ADI-French (11-12 Years)	16.99
P0464	ADI-French (12-13 Years)	16.99
P0466	ADI-GCSE Maths	22.99
P0460	ADI-Maths (12-13 Years)	16.99
P0465	ADI-Maths (13-14 Years)	16.99
P0089	Chemistry Works	19.99
P0470	Fatty Bear Fun Pack	19.99
P0455	Fun School 4 (under 5 Years)	16.99
P0456	Fun School 4 (5-7 Years)	16.99
P0457	Fun Schhol 4 (7-11 Years)	16.99
P0073	Kid Pix	10.49
P0474	Mario Teaches Sums	16.99
P0475	Marios Playschool	16.99
P0462	Merlins Maths	16.99
P0081	Noddy's Big Adventure	19.99
P0109	Play & Learn	7.99
P0535	Putt Putt	19.99
P0112	Read With Me 2	25.99
P0110	Write With Me	25.99

EDUCATIONAL (CD ROM)

Code	Title	Price
R0069	3D Body Adventure	27.99
R0070	3D Dinosaur Adventure	27.99
R0079	Bodyworks 3	38.99
R0123	Compton's Interactive Encycl.	39.99
R0498	DK Eyewitness Encyc. Nature	39.99
R0125	DK Eyewitness Encyc. Science	39.99
R0625	DK Inc. Cross Sections: Stowaway	29.99
R0061	DK My First Inc. Dictionary	30.99
R0626	DK PB Bears Birthday Party	29.99
R0527	Fun School 4 (5-7)	16.99
R0387	Fun School 5 in Space (6-9)	24.99
R0673	Fun School Paint & Create	17.99
R0667	Lion King Story Book	32.99
R0374	MS-Creative Writer	30.99
R0325	MS-Encarta 95	65.99
R0082	Read With Me 1 & 2	30.99
R0080	Thumbelina	25.99
R0077	Tuneland	27.99
R0067	Undersea Adventure	27.99
R0668	Winnie The Pooh Story Book	34.99
R0327	World Atlas 4	39.99

FREE CATALOGUE 2000+ TITLES

The price you see is the price you pay...VAT/P&P are all included!* If you don't see what you want, just call...we probably stock it. If you can find a better price, please call...we will try to beat it. If we tell you that an item you order is in stock, and you don't get it within 10 days, it's FREE!

*UK postage free, Europe add £2.50 per item, Rest of world add £3.00 per item.

OUR PROMISE TO YOU...

- We will try to beat any genuine offer
- We keep hundreds of titles in stock
- We never surcharge credit/debit cards
- Cards only charged after goods are sent
- We are always helpful and friendly
- We are open from 9am-9pm every day
- We never mislead you about our stocks
- We never quibble about returns

OPTIONAL MEMBERSHIP SCHEME

- Bi-monthly catalogue & disk
- Money saving discount vouchers
- Bonus point scheme
- Monthly prize draw
- Free competitions and more!

HOW TO ORDER...

- PHONE our HOTLINE today! or
- FAX your order on 01782 374488 or
- POST your order to the address below enclosing a cheque/postal order made payable to Zone 1 Ltd.

Call our HOTLINE NOW (9am-9pm)

01782 374466

ACCESS VISA E MasterCard DELTA

ZONE 1

ZONE 1 LTD, DEPT. AF995, MEAFORD RD
MEAFORD, STONE, STAFFS. ST15 OUU
TELEPHONE: 01782 374466 FAX: 01782 374488

Prices correct at time of going to press. E&OE. Prices and offers may change without further notice. Some items may not be available at time of ordering.

Info Nexus 2

■ **Price: £29.95** ■ **Developer/Supplier: Optonica ✆ 01455 668282**

Info Nexus 2 steps forward as a contender to Directory Opus. CU Amiga Magazine wonders whether it might have been better where it was.

A file manager can turn any computer into a more productive machine. Acting on your file base with a graphic user interface is much quicker than the equivalent operations performed in the Shell or via Workbench. This is a fact highlighted by the enormous success of CU Amiga Magazine's *Directory Opus 4* cover disk earlier this year.

It is against such stiff competition that *Info Nexus 2* comes to the fray. Whether it is a worthy contender is an issue for debate.

Pop and roll

Although based on the *DOpus 4* style fixed twin list display, its custom GUI interface is horrible. It only became readable after I got rid of the text shadowing and altered the colour scheme.

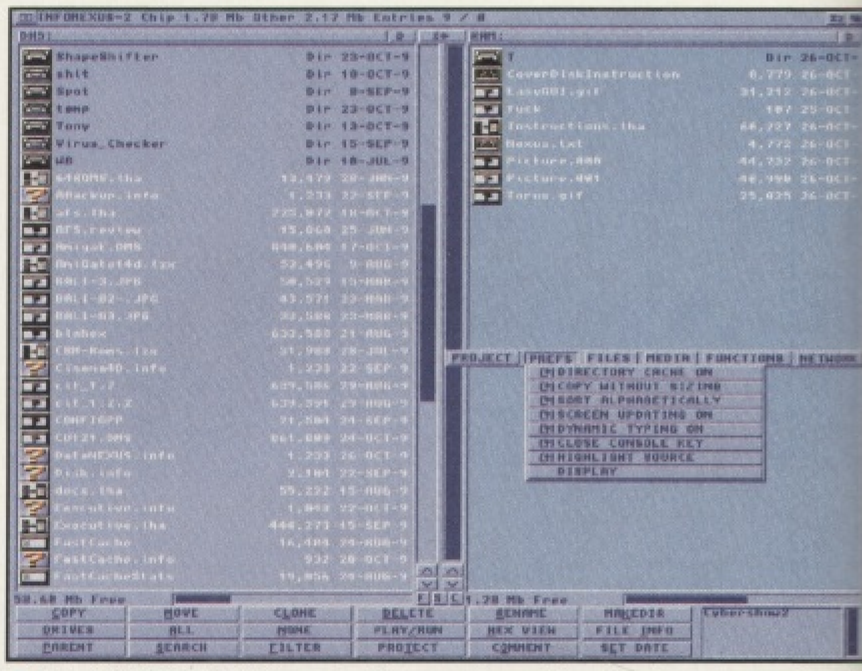
Like its predecessor, Info Nexus 2 uses a strange Magic Menu-like system. Pressing the right mouse button anywhere will cause the screen brightness to fade down and a menu bar to appear in that location. Fortunately there's an option to lose the silly screen dimming but even still this system, described as 'Pop and Roll', is fairly useless as the menus have limited selections anyway.

Info Nexus does not compare favourably to *DOpus 4*. There's a ridiculous lack of configuration options. The buttons are fixed and it's not even possible to create a drive button. Instead you have to click on a 'Drives' icon and then choose from a non resizable requester containing your entire selection of drives and assigns. Another another minus point is the fact that none of the file requesters are resizable – a nasty side effect of reinventing the GUI wheel.

Limitations

File types are severely limited. The defaults are mostly based on matching post fixes of the filenames (.IFF, .TXT etc) rather than the binary data. There is, however, a couple of potentially innovative features, such as a preview thumbnail display of a directory full of images. This presents a screen full of boxes with tiny representations of all your pictures in it. Nice idea but it didn't work on anything but IFF files for me. When I tried it with JPEGs all I got was a load of garbage even with a working Datatype installed. Everything but IFF is handled by Datatypes which is a little pointless for a package professing to work under the Datatypeless OS 1.3. You'll only be able to view IFF pictures those machines.

There are a few positive points to *InfoNexus 2*. In 'Dynamic Typing' mode, small icons representing every defined file type are displayed to the left of the filenames. *InfoNexus* also has some neat functions for performing batch renames with specified pre/post-fixes. Most of the unique functions of *InfoNexus 2* could be replicated with *DOpus 4* and *ARexx*, but the inadequate *ARexx* port on *InfoNexus 2* means that you couldn't replicate all of the unique features of *DOpus 4*. Some example *ARexx* scripts would have helped but there are none.



▲ At first look, InfoNexus looks like any other file manager. However, it soon soon becomes apparent how different it is; The 'pop and roll' menu can be seen here and the lack of user defined drive buttons.



▲ Using the same bizarre GUI interface as InfoNexus, the bundled DataNexus could be useful.

Odd approach

Optonica's entire approach to implementing a file manager seems odd to me given a quote from their *InfoNexus 2* addendum to the previous manual; "What about multiple windows and multiple threads? Whilst other file manager producers may feel that allowing the user to do many things at once with files is a good thing, in reality this is a prime example of superfluous glitz winning over intuitive program design." Do Optonica really hope to convince us that we don't need multitasking? If this is intuitive program design, I'll have a double helping of superfluous glitz please.

Sweetner

As an extra, Optonica have included *DataNexus* with the package. This is a simple but functional 'flat file' database. If the bizarre GUI isn't too much of a problem then it could be useful. Its ability to handle images, sounds and even CDXL animation is a definite plus but again Optonica state, "... you will not find the usual superfluous bells and whistles ..." They seem to be under the impression that the numerous things they haven't implemented (that are commonplace in other packages) are simply not needed. I strongly disagree. Steer clear and buy some shareware instead. ■

Mat Bettinson

INFO NEXUS 2

A500 · A500+ · A600 · A1200 · A1500 · A2000 · A3000 · A4000

system requirements:
1Mb, Memory, Workbench 1.3 or higher. OS 2.1 and hard drive recommended.

ease of use **55%**
Quite frankly a pain, I prefer the Shell to this.

performance **52%**
The lack of basics outweighs the couple of nice features.

value for money **65%**
The bundled DataNexus database slightly adds to the value.

OVERALL
Some PD file managers have more on offer.
57%

BEST PRICES FOR AMIGA CD ROMS

COVERGIRL £12.99 | SPACE/AST £18.99 | SHUTTLE £18.99
17BIT CONT. £9.99 | 17BIT FOUR £9.99 | 17BIT FIVE £18.99
WS FONTS £7.99 | WS ANIMS £17.99 | WS SOUNDS £17.99

ORDER FOR THE COST OF A LOCAL CALL

AMIGA DTV £13.99 | GIGA GFX £34.99 | ASI GAMES2 £18.99 | SOURCE £18.99
AMINET 6 £11.99 | AMINET 7 £11.99 | AMINET 8 £12.99 | AMINET1-4 £23.99
UPD GOLD £27.99 | ADULTSENS £16.99 | TETRIS CD £9.99 | EMULATORS £17.99

WE'LL MATCH ANY PRICE!!!

MEDIACLIPS £19.99 | HOTDEMOS £18.99 | PEARLS 2 £8.99 | 3D ARENA £18.99
CD WRITE £39.99 | COLOUR LIB £8.99 | PRO IFF 2 £17.99 | SOUND LIB £16.99
HOTTEST 4 £7.99 | HOTTEST 5 £15.99 | LOTTERY £8.99 | PRO ICONS2 £12.99

GLAMOUR GIRLS ~~£19.99~~ £14.99

GLAMOUR GIRLS IS A BRAND NEW RELEASE CONTAINING THOUSANDS OF STILL "GIRLY" PICTURES. YOU CAN'T GET THIS ONE CHEAPER ANYWHERE WE GUARANTEE IT!!! (ADULTS ONLY)

TEXTURE PORTFOLIO ~~£29.99~~ £25.99

TEXTURE PORTFOLIO HAS BEEN IN THE MAKING FOR OVER 5 YEARS, ALL THE VERY BEST TEXTURES AND BACKDROPS ARE INCLUDED, WATER, WOOD, METALS, MANMADE, SCENERY ETC.....

ARCADE CLASSICS ~~£14.99~~ £12.99

ARCADE CLASSICS IS AN ORIGINAL COLLECTION OF ALL YOUR OLD FAVOURITE GAMES: PACMAN, INVADERS, GALAXIANS, FROGGER, LODE RUNNER, Q-BERT, CENTREPEDE, MISSILE ETC, ETC

KLONDIKE ~~£19.99~~ £8.99

KLONDIKE & CARDS CONTAINS HUNDREDS OF READY TO USE REKO CARDS. PLUS KLONDIKE THE GAME- THE BEST EVER CARD GAME!!!!! THIS CD IS AN ABSOLUTE BARGAIN, DON'T MISS IT!!!

MORE CD ROM AVAILABLE!!!!!

GROLIER £24.99 | AMITOOLS2 £21.99 | POV RAY £18.99 | CLIPART £17.99
LIGHTROM1 £29.99 | LIGHTROM2 £34.99 | RECORDS £18.99 | LIGHTWORX £28.99
ULTIMEDIA (2cd)£12.99 | LSDTOOLS1 £13.99 | LSDTOOLS2 £16.99 | LSDTOOLS3 £17.99

SPECCY SENSATION ~~£14.99~~ £6.99

SPECCY SENSATION CONTAINS OVER 500 ALLTIME CLASSIC SPECTRUM48 GAMES. ALSO INCLUDED ON THE CD ARE A NUMBER OF AMIGA SPECTRUM EMULATORS. REQUIRES KEYBOARD......

CD32 NETWORK SET VERSION 2 £34.99

NEW IMPROVED SUPER FAST TRANSFER VERSION... INCLUDES CONECTING LEAD FOR ANY AMIGA, CD ROM & BOOT DISK. ALLOWS EASY TRANSFER OF ANY FILES FROM CD TO THE AMIGA. *(CD ONLY = £14.99)*

START BUYS!

NORMALY £19.99ea
PLEXUS PRICE £12.99ea
LATEST AVAILABLE VERSIONS

PROFESSIONAL BACKDROPS COLLECTION
2 CDROMS ULTIMEDIA

BARGAINS!! PURCHASE SEPERATELY OR ANY FOUR TITLES FOR JUST £19.99*

PRO FONTS £7.99 | HOTTEST 4 £7.99 | UTILS 1500 £7.99 | ILLUSIONS £5.99 | UTILITIES £7.99 | BANSHEE £4.99 | LOCKNLOAD £8.99 | IFF CLIPS £7.99
TIMETABLE £9.99 | SPECCY 1 £6.99 | LUCKYDIP £4.99 | MULTIMEDIA £5.99 | SUPERCARS £4.99 | GAMES DLT £7.99 | PWR GAMES £8.99 | EUROSCENE £8.99

* A SIMILAR TITLE MAY BE SUPPLIED IF ANY ITEM IS NOT AVAILABLE.

ORDERING INFORMATION

TO ORDER BY POST SIMPLY SEND YOUR ORDER WITH PAYMENT EITHER BY CHEQUE, POSTAL ORDER OR CREDIT CARD TO: PLEXUS MEDIA - PO BOX 637 SWINDON, UK.
TELEPHONE ORDERS ARE WELCOME FROM 10AM TO 4:30PM MONDAY TO FRIDAY (ANSWER MACHINE ALL OTHER TIMES)
ACCESS, VISA, MASTERCARD, EUROCARD, DELTA
PLEASE NOTE GOODS ARE NOT SUPPLIED ON A TRIAL BASIS.
POSTAGE: PLEASE ADD £1.00 PER CD FOR P&P IN UK, AND £2.00 PER CD FOR OVERSEAS DELIVERY
*SUBJECT TO AVAILABILITY. PLEASE ALLOW TIME FOR DELIVERY.

LO-CALL ORDER LINE. *FAX ORDERS: 01793 484097*
0345 660015

PLEXUS MEDIA
COMPACT disc SUPPLIERS

COLOUR KITS for MONO PRINTERS

Ever wished you'd bought a colour printer instead of a mono one? Wouldn't it be nice to print out pictures in colour? Now you can with Amiga "Flexicolor Kit". Each Amiga Flexicolor Kit comes complete with everything you need to print in colour, including superb software. The colour kit is simple to use, the ribbons fit exactly the same way as your black ribbons so it will not affect your guarantee. Also on all models listed below paper alignment is automatic, you do not have to manually align. PRINTS AS GOOD AS COLOUR PRINTER. If your printer is not listed below please phone. Amiga Flexicolor kits for Star LC10, LC20, all Star 24 Pin Panasonic 1080/81/1123/1124. Epson FX80, FX100, LQ800 etc. Citizen 120D+, NEC P6, P6+. Please note colour kits come complete with coloured ribbons.(Anti Banding now included in software)

COMPLETE KIT £39.95

FLEXIDUMP 3

A large range of printer ribbons & reloads always in stock

NO MORE BANDING
NO MORE WHITE LINES
COLOUR GRAPHICS LIKE YOUVE NEVER SEEN BEFORE

Yes its true the new flexi 3 will remove banding & white lines from dot matrix & bubblejet printers
Now you can have laser quality on dot matrix printers.

Other new features include:-

*Balance control for picture enhancement * Select area to be printed*Select size to be printed*Page Control*Colour Seive * InkCorrection*Automatic poster mode for larger than A4 * Gamma correction * Spooler for colour letter heads etc * Colour seperation * Now with Anti-Aliasing to get rid of jagged edges*Large range of dithering (dot pattern) * Variable levels of shingling to totally remove banding / white lines.* Colour catalogue function will print a minature of each picture. Configarable between 1 to 8 accross. * Star, Citizen, Panasonic, NEC, Epson, Cannon, Hewlett Packard and just about any dot matrix or inkjet bubblejet/Laserjet printer.

ONLY ~~£39.95~~ CARE SPECIAL £29.95
UPGRADE FLEXIDUMP TO FLEXIDUMP PLUS 3, ONLY £14.95 INC. RETURN MASTER DISK

MISCELLANEOUS

Mouse House	£2.99
Mouse Mat	£3.99
2 Piece Priner Stand	£5.99
Parallel Printer Cable	£3.99
3.5 Digital Cleaning Kit	£2.99
100 Cap Lockable 3.5 Disk Box	£12.99

COLOUR PRINTER RIBBONS

Just take the top off, take out the old ribbon and reload it with a new one. Full instructions supplied.

	Complete Ribbon	One Reload	Five Reloads
Citizen Swift/ABC/224	£11.95	£6.99	£29.95
Panasonic KXP2123/2124/2180	£9.99	£6.99	£29.95
Panasonic KXP2135	£9.99	£6.99	£29.95
Star LC200 9 Pin	£9.63	£5.99	£23.95
Star LC24-10/20/200	£9.63	£6.99	£29.95
Seikosha SL95	£14.95	£6.99	£29.95
Star LC24-30/LC240	£8.99	£4.95	£19.99

INKJET REFILLS

For HP DESKJET 500,510,520,550,500C,500C,550C,560C EPSON STYLUS 800,1000, CANNON BUBBLEJET, BC-01, BJ105/EX/SX, BC02,BJ200,BJ130,BJ300,BJ330 OLIVETTI JP150,250,330,CITIZEN PROJECT
6 Refill Kit 120ml pure black £16.99
CANNON BJC 600, BJC400
20 Refill Kit 120ml pure black £16.99
EPSON STYLUS four refils 120ml pure black £16.99
TRICOLOUR REFILL KITS FOR: HP Deskjet range, Canon BJC600, BJC4000 etc 10 Refills of Yellow, Magenta & Cyan 180ml £24.99
EPSON STYLUS TRICOLOUR refill, 2 refills of Yelow, Magenta & Cyan 180ml £24.99
Print Head Recovery Fluid for unblocking nozzles £5.95
***Important:* Please state type when ordering.**

SPECIAL RE-INK

For Panasonic 1080/81, 1124, 1180, 2123, 2135, Star LC200 9 Pin, Epson LQ100, Oki 182/390. Black bottle will re-ink 100+ ribbons £9.95

BLACK PRINTER RIBBONS

Just take the top off, take out the old ribbon and reload it with a new one.

Citizen Swift/ABC/120D 5 black reloads	£9.99
Star LC10/20/100 5 black reloads	£4.99
Star LC24 Range 5 black reloads	£9.99
Seikosha 1900/2400/SL95/96 5 black reloads	£9.99
Epson FX80/LQ800 Range 5 black reloads	£11.99
Star LC24-30/LC240 5 black reloads	£14.99

T-SHIRT PRINTING RIBBONS

PRINT ON NORMAL PAPER IRON ON T-SHIRT

4 Colour Citizen Swift/ABC/240	£19.99
4 Colour Citizen Swift (Reload)	£9.99
4 Colour Star LC10	£10.99
4 Colour Star LC200 9 Pin	£12.99
4 Colour Star LC200 9 Pin (Reload)	£7.99
4 Colour Star LC200 24 Pin	£19.99
4 Colour Star 24 Pin (Reload)	£9.99
1 Colour Star LC10	£9.99
1 Colour Star LC200 9 Pin	£9.99
1 Colour all Star 24 Pin	£9.99
1 Colour Epson FX80/LQ400/MX80	£9.99
1 Colour Epson LX80	£9.99
1 Colour Panasonic KXP 1080	£9.99

Wide range of other ribbons available.

How to order: Enclose cheques/PO made payable to: CARE ELECTRONICS or use Access/Visa

CARE ELECTRONICS

Dept CUA, 15 Holland Gardens, Garston, Watford, Herts WD2 6JN Fax 0923 672102

ORDER LINE ON 01923 894 064

ALL PRICES INCLUDE VAT AND CARRIAGE

EVERGLADE

10 High Street, Nairn IV12 4BJ
TEL/FAX: 01667 454933

AMIGA DISCOUNT SOFTWARE

AMIGA

Sooty & Sweep	£4.99
Heavy Metal	£4.99
S.T.U.N Runner	£4.99
Postman Pat 1	£4.99
Matrix Marauders	£4.99
Knight Force	£4.99
Nevermind	£4.99
License to Kill - 007	£4.99
Galaxy Force	£4.99
Dogs of War	£4.99
Screaming Wings	£4.99
Count Ducula 2/Asteroids	£4.99
Mayday Squad Heroes	£4.99
Captain Fizz meets the Blasterons	£4.99
Radio Controlled Racer	£4.99
Skychase	£4.99
Titanic Blinky	£4.99
Ghost Chaser	£4.99
Ninja Rabbits	£4.99
Gemini Wing	£4.99
Scramble Spirits	£4.99
A.P.B.	£4.99
Dragon Spirit	£4.99
Strike Force Harrier	£4.99
Gazza's Super Soccer	£5.99
Blazing Thunder	£4.99
Baal	£4.99
Orbit 2000	£4.99
Populous 2	£12.99
Postman Pat 3	£4.99
International Truck Racing	£4.99
Graeme Souness Vector Soccer	£4.99
Buffalo Bill's Rodeo Games	£6.99
Knife Throwing/Trick Shooting/Bronco Riding/Stage Coach / Rescue / Calf Roping /Steer Wrestling.	
Mercenary	£6.99
Championship Run	£4.99
Andre Agassi Tennis	£18.99
Another World	£12.79
Archer Mclean's Pool	£10.99
Bubble & Squeak	£12.99
Breach 3	£25.99
Cadaver / Payoff	£12.99
Campaign	£9.95
Cannon Fodder 2	£17.99
Championship Manager 2	£18.99
Chaos Engine 2	£19.99
Colossus Chess X	£6.95
Corporation	£8.99
Curse of Enchantia	£12.99
Dune 1	£12.95
Dune 2	£12.95
Desert Strike	£10.99
Embryo	£9.99
Evasive Action	£18.99
F-15 Strike Eagle II (1 Mb)	£12.95
F29 Retaliator	£10.99
Flight of the Amazon Queen	£19.99
Final Over	£10.99
Hoyles Book of Games Vol. 1	£11.99
Hoyles Book of Games Vol. 2	£11.99
Hoyles Book of Games Vol. 3	£11.99
Hook	£7.99
Jungle Strike	£12.95
King Quest II - Romancing The Stone	£10.99
Loom	£12.99
Links - Challenge of Golf (1MB) HD	£12.99
Secret of Monkey Island 2 - Le Chuck's Revenge	£12.99
N.B.A. JAM T.E	£19.99
Obsession	£21.95
PGA Tour Golf	£12.95
Player Manager 2	£13.99
Populous - Promised Land	£10.99
Populous II	£12.99
Realms	£10.99
Robinson's Requim	£12.99
Road Rash	£10.99
Rugby League Boss	£10.99
Sensible Golf	£18.95
Sensible World of Soccer	£18.99
Sim Life	£11.99
Sim City	£12.99
Simon the Sorceror 2	£20.99
StarmCrusader	£19.99
Striker	£6.99
Supremacy	£10.95
Temptris	£8.99
The Adventures of Robin Hood	£10.99
Tiny Troops	£19.99
Total Football	£19.99
Tracksuit Manager 94/95	£17.99
Treble Champions 2	£12.99
Turbo Trax	£17.99
Wing Commander	£12.99
Wolf Child	£8.99
Worms	£17.99

AMIGA 1200

Adventures of Robin Hood	£10.99
Alien Breed 3D	£19.99
Another World	£12.79
Andre Agassi Tennis	£19.99
Arcade Pool	£8.99
Archer Mclean Pool	£10.95
Cadaver - The Pay Off	£12.99
Campaign	£9.95
Cannon Fodder 2	£17.99
Chess	£19.99
Corportation	£8.99
Curse of Enchantia	£12.99
Desert Strike	£10.95
Dune 1	£12.95
Dune 2	£12.95
Dungeon Master 2	£24.99
Elite 2- Frontier	£10.99
Embryo	£9.99
Exile	£19.99
F-15 Strike Eagle II	£12.95
Fears	£19.99
First Encounters-Elite 3	£19.99
Hoyles Book of Games Vol. 1	£11.99
Hoyles Book of Games Vol. 2	£11.99
Hoyles Book of Games Vol. 3	£11.99
Kings Quest II-Romancing the Stone	£10.99
Leading Lap	£19.99
Links - The Challenge of Golf	£14.99
Loom	£12.99
Monkey Island 2-Le Chuck's Revenge	£12.99
Hook	£7.99
Obsession (A1200)	£24.95
Pole Position	£19.99
Populous II	£12.99
Primal Rage	£19.99
Realms	£10.99
Road Rash	£10.99
Ryder Cup Golf	£12.99
Secret of Monkey Island 2 - Le Chuck's Revenge	£12.99
Sensible Golf	£18.95
Sensible World of Soccer	£18.99
Sim Life	£11.99
Sim City	£12.99
Simon the Sorcerer 2	£29.99
Star Crusader	£19.99
Striker	£6.99
Superloopz	£12.99
Supremacy	£10.95
SWIV	£8.99
Turbo Trax	£17.99
Wolf Child	£8.99

CD32

Alien Breed 3D	£18.99
Andre Agassi Tennis	£18.99
Fears	£18.99
First Encounter / Elite 3	£18.49
Simon the Sorcerer 2	£24.99
Super Streetfighter 2	£21.99
Worms	£18.49

AMIGA ACCESSORIES

Mock-E-Mouse / Cybershot Twin Pack £14.75
Mock-E-Mouse gives joystick control to all mouse functions, Cybershot converts any standard Amiga joystick into a 'Deadly Autofire Stick', Fully Amiga Compatible.

DUST COVERS

A1200	£3.95
CD32	£3.95

DISKS

10	£3.50

CABLES

Replacement TV cable (All Amigas inc. CD32)	£2.95

JOYSTICKS

Cheetah 125+	£7.99
Amiga Joypad	£9.99

MICE

Alfa-Data 400Dpi Mouse	£12.95
Amiga / ST Switchable Mouse	£12.95

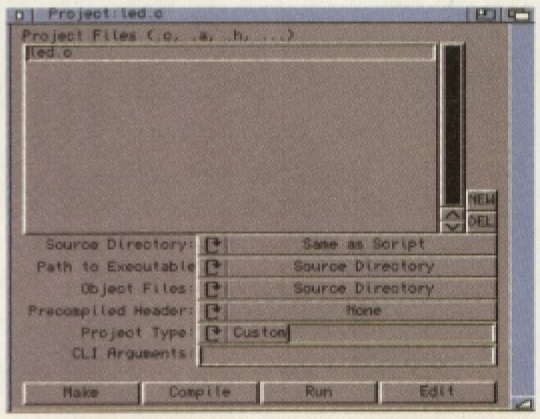
AMIGA COMPUTERS

A1200 (c/w Pinball Mania,Whizz,Personal Paint V4	£399.99
A1200 with 170 Mb Hard Drive	£499.99

ITEMS SUBJECT TO AVAILABILITY. P&P is FREE. Europe add £2 per title. Rest of World add £3.50 per title.
ACCESS and VISA NOW ACCEPTED.

Dice 3

■ Price: £99 ■ Supplier: Fourth Level Developments ✆ 0117 985 4455



▲ The Vmake graphical front end makes managing larger projects a lot more fun. Even small projects (like this) are quickly manipulated.

A shareware C compiler turns commercial. Is it setting a new standard for the Amiga or should Fourth Level throw again?



▲ With a choice of editor, from the simple DME shown here, to the MicroEmacs based AME, entering your source code is relatively straightforward. Other editors are supported by means of ARexx and function key macros.

It's always good to see a shareware program evolve into a commercial product. Although on one hand it can hurt the pocket, it does mean that there is usually plenty of user support and printed manuals. It also means that there has been a long period of real-world testing. Couple these points with the fact that *SAS/Lattice C* compiler is no longer being developed and *DICE* looks set to become the new Amiga standard.

As with any *C* compiler, you can't expect to take it out of the box and start writing astounding programs, straight away. If you have never used *C* before you will need to read the manual from cover to cover before you start. The *DICE* manual won't teach *C* from beginner to advanced level, but it will help you a great deal by explaining the basics and recommending further reading. There is no doubt that you will need a good reference book and you will also need to obtain the official Amiga documentation (the 'RKMs').

However the effort is well worth it as *C* is an amazing language. It manages to provide near Assembler-level control over hardware, whilst at the same time providing a modular approach which can be used for anything from arcade games to professional databases. If you want to learn how to really program then *C* is the way to go.

Roll the DICE

From the outset *DICE* looks promising. The manual is thick, all the files you need to start up are included on the five floppy disks provided and it claims to work on an A500 with two floppy drives right up to an A4000 with hard disks. Sadly this turns out to be false, as the floppy only installation routine is broken in this release, so you will need a hard drive to use DICE.

Rather than containing only a compiler, *DICE* is a complete suite of programs. As your programming projects grow it becomes harder and harder to keep track of your code, and that's where the Vmake utility and Resource Control System (RCS) come in. Vmake provides a graphical 'front end' for the compiler: it's possible to compile and run without having to visit the Shell CLI at all, which is good news for those who are allergic to remembering long strings of options.

The RSC system keeps track of all the different files which make up your program and ensures that different versions don't get mixed up or lost. When you consider that a large program can have twenty or thirty associated source code files, you can see why it is such a good idea.

As well as the requisite Linker and Assembler which all compilers need, other utilities are provided for searching through files, removing comments, updating time stamps and handling other mundane tasks. You even get a choice of editors: the simple DME or the MEmacs derivative AME.

ARexx friendly

ARexx is fully supported by Vmake, which means you can customise your programming environment for any particularly tricky jobs you have. In fact, as the source code is provided for many of the utilities, you can actually re-write the entire system if you need to.

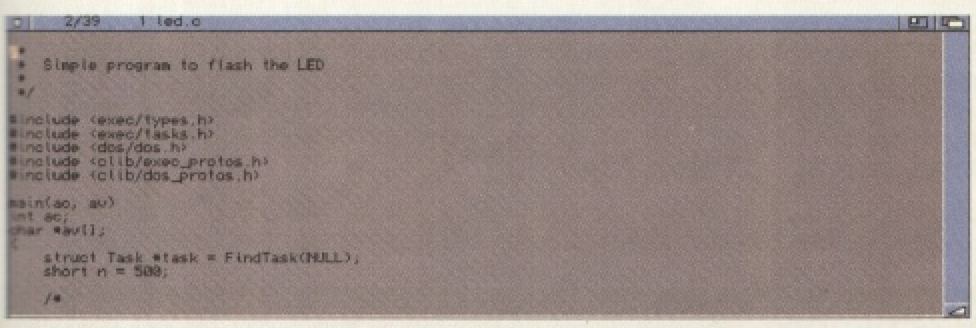
The manual gives some very useful example code for integrating an *ARexx* port into your own programs. In fact this is made a lot easier because one of the Amiga-specific features built into DICE is automatic *ARexx* support: a startlingly good idea.

Unfortunately all is not double sixes with *DICE*. I must have been spoilt by using *SAS/C* for so long, but *DICE* has a less than professional feel about it. There are little irritations (the documentation for some features, such as the Debugger, is on disk rather than printed in the manual) and there are larger ones (the code profiler doesn't seem to work, the automatic installation didn't work, the promised integration of *DICE* with existing text editors such as *Cygnus Ed* is ropey).

From a beginner's point of view the compiler spits back particularly unfriendly errors, even if you do something simple like leave '.c' off the source code file (*SAS/C* automatically knows what you meant). Problems like these should definitely have been ironed out well before version three: and a total lack of response from the supplied UK E-Mail support address doesn't help either.

Overall I was impressed by the Amiga specific features, but feel that more work has to be done before *DICE* reaches its true potential. You can work around the short-comings if you have too, there is nothing truly major at fault, but you can't help feel that adequate time in the testing department is not in evidence. ■

John Kennedy



▲ Whoops: and for once it isn't my program that is at fault, the DICE debugger bites the dust.

DICE 3

A500 / A500+ / A600 / A1200 / A1500 / A2000 / A3000 / A4000

system requirements:
Any Amiga with 1Mb and hard drive

ease of use 75%
GUI front end helps a lot, but the day a C compiler is easy to use is the day I buy a PlayStation.

performance 75%
Needs some polishing, but still a very useable and powerful system.

value for money 80%
If upgrades appear, the DICE suite represents good value for money.

OVERALL
Lacking in some areas but available and supported.
78%

V12-PD

Dept CU1
PO Box 14
Lincolnshire
LN11 8LF
United Kingdom
01507 450114

10 PD DISKS FOR A FIVER FROM OVER 9000 DISKS, BLANK DISKS £2.50 FOR 10, FROM 17P IN BULK. WE ARE THE CHEAPEST PD LIBRARY IN THIS MAGAZINE!!

OUR CATDISKS CAN BE DOWNLOADED FROM THE UK'S COOLEST BBS, MIDNIGHT EXPRESS, ON 01384 865626!

V12-PD NOT ONLY SELL PD, BUT ALSO OFFER SOUND SAMPLING, DIGITIZING, MEMBERSHIP, COMMERCIAL GAMES TRAD'IN AND SALES, BLANK DISKS, PD SWAPS, AND EVEN, BY THE TIME YOU READ THIS, COLOUR SCANNING UPTO 24 BIT IN ANY RESOLUTION! WE ARE THE NUMBER ONE PD LIBRARY, CHECK THIS LIST OF SERVICES AGAINST ANY OTHER LIBRARY, WE WIPE THE FLOOR WITH 'EM!

Howdy to all Amiga users!!!!!

Well, everyone told us we should advertise in the big mag, CU Amiga, and here we are, my, the water's lovely! What a big page ad we have started with aren't we brave! Youll notice that our ads aren't the intensly and mind numbingly boring lists of PD titles, which in our minds, mean nothing any-way. Lets start off with a few simple facts shall we, V12-PD is run by Amiga freaks, I am not just saying that, it's true! Want proof? OK, we have 19 Amigas, yes, 19! All of which are used each and every day in the running V12-PD. Now who else can boast such a broadside of the world's best computers? No one else, even the largest companies dont have as many as us. Need more proof? What about our prices? We sell disks cheaper than any other library in this or any other magazine, just check any of the other libraries, none of them comes within a mile of our prices, which are:

1 - 5 DISKS 65P!
6 - 9 DISKS 60P!
10 + DISKS 50P!

P & P is 50p on any size order! We have declared war on rip off PD prices, so be warned, competition!

It's all very well having cheapo PD, what else would make you shift to us from your usual supplier, after all, your regular PD library has loads of titles that we don't, right? **Wrong!** We have more titles than any other PD library, not only do we have 9,000 in the catalgue, but we can get just about any other PD you want too. Just an example of what we have, 1-3860 of 17 bit's library, 95% of active software's, 90% of ground zero's, 95% of PD soft's, 99% of software 2000's and masses more. not only this, but we have 500+ that none of the above have, we import titles from europe and the united states that are exclusively made for us, and our library is growing faster than any of the mentioned competition, the last 2 catdisks have had 1000+ titles added each month, that's at least 5 times more than most others! We're so perfect using us feels better than wiggling your toes on your cat, and that's a promise!

But the main thing we have over the competition is our approach to pd. We are friendly, funny, and there's no chance you'll be baffled by business types because we don't work that way (we don't work at all, erm, carry on!). our CatDisk is humorous, it's not the boring rubbish you see from every-one else, the sort of thing you read and then go around talking like nigel mansell for weeks, oh no, our CatDisk is so cool. We are true amiga freaks, we know what people look for in software because we are looking for it too. Check out the new commercial game we stock, Sword Of Honour, it is a brilliant ninja beat em up arcade adventure, released only a few months ago and received many good reviews. This is being retailed by us at the out-rageous price of 14.99, yes, practically budget price for a brand new game! we have a pd demo disk of the game, so you can try before you buy!

We have every pd title you'll ever need, and then some! We stock all the latest demos, slides, animations, collections, games etc. Serious users get a truckload of utilities, huge quantities of clipart, tutorials on everything from DPaint, Imagine, WorkBench and loads more. We have loads of educa-tional titles for the little kids (and the rather big ones too!), music fans have a huge section dedicated to them, thousands of modules including a mas-sive collection of modules disks compiled by us, samples, music composing software and more. artistic amiga users get a huge range of art, loads of paint packages, graphics converters, the list is endless (well, nearly!).

Because we have more titles than all the other competition there is a much better freedom of choice for everyone, we have more of everything than anyone else, and all of the titles the competition stock too, so why ain't you at our party? Our service range is also totally out of the league of all other suppliers, we have equipment that they can only dream about, sampling at up to and beyond cd quality, digitizing in true 24-bit, and now scanning too in 24 bit in any resolution you want (do you know how much scanning hardware costs that allows this level of resolution? If you have a weak heart, i won't tell you!). Jjust ring and ask about anything we offer, we won't lie to you, honest, we can answer the phone when it rings from 10am until 7pm 6 days a week (we spend all sunday praying, oh what little cherubs we are!). We aren't part time jockeys, full time professionals, with the full time service you can expect.

Still not convinced? Right, we'll have to resort to torture then, pass the ear waggler someone! Naah, only kidding (or was I?) our CatDisk is the coup de grace, as we said earlier (about a year ago in reading time!) it is humorous, well presented and very easy to use. It auto detects WorkBench ver-sions and advusts itself accordingly so there's no compatibility worries, you can install all files to RAM for a super speedy catdisk (100k crunched files in under a second!), or install utils for about 20% increase in speed. there's always free pd on it, it's two disks of yoy and happiness! music, anima-tion, art, commercial games list at ridiculous prices (no need for piracy anymore!), like 3 quid for boxed originals of this year! We challenge any other pd library to put their catdisk up against ours and not be embarrassed.

So what have you got to lose? Our disks are all guaranteed, all we ask is you trust us. How do you get our two mystical lurve machine CatDisks? It's dead easy, just send 3 first class stamps or 75p to our address above with your name, address, national insurance number, prison number, finger prints, at least 86 forms of identification, 14 photos, and a british rail sandwich (we prefer cheese). OK, just kidding, send your name and address with 3 first class stams and we'll send you our 2 disk catalogue with free pd and details of all our services, membership schemes, all in a lurvely little jiffy that you can give grandad to keep his 'baccy in afterwards! what more can we say? Look at it this way, would you rather spend 5 quid on PD and get 10 disks or 5? It's up to you but i know what I'd do (go down the pub with it!).

A special hello to all our friend-i-poops in the amiga industry, including rob daviau and family in canada (hi Rob!), Stefan Mansier in holland, Freak of NFA, Aid Birch, Neil Painter (talk to me man!) and everyone else. Also hi to Tony Hickman at Amiga Format, please ring us more often, 3 times a day just isn't enough! hi mum!

We stock all the collections including Assassin's 1-250, Fred Fish 1-1000, Scope 1-220, Amigan, Arug, New Zealand, Imagine Object collection, Clipart collection, Barbie, Amos, Legal Tools 1-149 and thousands more. we now also sell CD's cheaper than everyone else, every Amiga CD available is, erm, available from us!

9000+ titles, that's more than a library with less than that!

REPAIRS WHILE-U-WAIT!!

COMPUTERS AND MONITORS

That's a promise for computers!!

Attention Dealers
Ring/Fax Now for best trade prices and terms on Repairs, Spares, Floppy Drives, Hard Drives, CD Rom Drives and Memory Upgrades.

- FAST TURNAROUND
- 90 DAYS WARRANTY ON ALL REPAIRS!!
- £20 EXTRA CHARGE FOR WHILE-U-WAIT SERVICE
- COURIER CHARGES £6·00 + VAT EACH WAY
- A1500/A2000/A3000/A4000……£QUOTATION

NEW LOW FIXED PRICE

A500, A500+ & A600	A1200
£39·95	£49·95

2·5" HARD DRIVES

PRICE MATCH!!

For A600 & A1200

60Mb …£59·95	170Mb …£99·95	340Mb … £169·95
80Mb …£69·95	258Mb…£129·95	510Mb … £249·95

All hard drives are pre-formatted, partitioned with Workbench loaded and include 2·5" IDE cable and software

2·5" IDE Cable and Software……£9·95

A-1200 Accelerators
Please ring

3.5" Hard Drives
Call for best prices

MEMORY UPGRADES

A500	Upgrade to 1 Meg £13·95	Upgrade to 1 Meg with clock £18·95
A500+	Upgrade to 1·5 Meg £14·95	Upgrade to 2 Meg £19·95
A600	Upgrade to 2 Meg £19·95	Upgrade to 2 Meg with clock £29·95

A1200	0Mb	2Mb	4Mb	8Mb
	£49·00	£109·00	£165·00	£279·00

33MHz FPU plus Crystal …………………… £39·95

GUARANTEED SAME DAY DESPATCH (Subject to availability)

INTERNAL FLOPPY DRIVES

A500/A500+ ……… £29·95 A600/A1200 …£34·95

CHIPS ✤ SPARES ✤ ACCESSORIES

1 Meg Fatter Agnus ………….£19·00	8520 CIA A600/A1200………£14·50
2 Meg Fatter Agnus ………….£24·00	8374 Alice A1200 ………….£30·00
8362 Denise ……………………£9·00	8364 Paula A600/A1200 ……£16·50
8373 Super Denise ………….£18·00	Video DAC A1200 ……………£19·00
5719 Gary ……………………£7·50	A600/A1200 Keyboard ………£60·00
8520 CIA A500/A500+………£15·00	Lisa A1200 …………………£35·00
8364 Paula A500/A500+ ……£12·00	Gayle A600/A1200 …………£25·00
Kickstart ROM 1·3 ………….£15·00	Budgie A1200 ………………£30·00
Kickstart ROM 2·04 …………£22·00	Mouse (290dpi) ……………£15·00
Kickstart ROM 2·05 …………£29·00	SCART lead …………………£15·00
A500/A500+ Keyboard ………£50·00	Mouse Mat ……………………£4·00
6570 Keyboard Chip …………£20·00	10 Boxed Branded Disks ………£6·00
68000 Processor ………………£8·00	Printer Cable …………………£6·00
Power Supply A500/A600/A1200 £30·00	100 Disk Box…………………£7·00
A2000 Power Supply…………£60·00	Squirrel SCSI Interface ………£59·00

* All chips are available ex-stock
* Please call for any chip or spare not listed here

AMITAR CD ROM DRIVE QUAD SPEED
Including Squirrel SCSI Interface
£249·95

Genlocks
Ring for prices

Now Available

A1200 without hard drive …£299·95 A1200 with 510Mb ………£549·95
A1200 with 340Mb ………£449·95 * Call for more good deals

ANALOGIC ANALOGIC ANALOGIC
Analogic Computers (UK) Ltd
Unit 6, Ashway Centre, Elm Crescent, Kingston-upon-Thames, Surrey KT2 6HH

Open Mon-Fri 9·00am-6·30pm, Sat 9·00am-5·00pm Fax: 0181 541 4671

Tel: 0181 546 9575

★ All prices include VAT ★ All prices subject to change without notice ★ Fixed charge for repair does not include disk drive/keyboard·
★ We reserve the right to refuse any repair ★ P&P charges £3·50 by Royal Mail or £6·00 + VAT for courier ★ Please allow 5 working days for cheque clearance

FOR ALL YOUR PD NEEDS

MG's PD

(CUA) The Old Farmhouse, Rosefield, Balbeggie, Perth, PH2 6AT Tel: 01821 650488

Fast, Friendly, Efficient Service. Orders returned same day 1st class

1000's of Demos, Music Disks, Animations, Slide Shows, Utilities, Glamour etc..

GAMES

CARDZ ALL 1MG AMIGA This is a conversion of klondike AGA, also many of the cardsets. Brilliant!

THE PYRAMID GAME (2)
BANDITMANIA D
FRUIT MANIA
ZOMBIE APOCALYPSE
DOCTOR STRANGE 2
BLACK DAWN 2
SPELLTRIS
ATOMIC
FLAMING ENGINES
MISSILES OVER XERION (2)
DEMON (BRILLIANT CARD GAME)
POKER MANIA
LAST LAP
DONKEY KONG (NOW ALL AMIGAS)
GAMEBOY TETRIS
DELUXE PACMAN (STATE WHICH AMIGA)
BALDERS GROVE V2
ROAD TO HELL
OBLIVION
BLASTER (NOT 600/PLUS)
PUB DARTS
PUZZWORD
PARRA ATTACK
TETRIS PRO
MEGABALL
ANT WARS 1.9
BATTLE DUEL
JUMP-EM
T-RACER
PSYCHEUAL
80 QUESTIONS

1200 GAMES

HOI'S AGA REMIX
FEARS 2
JINX AGA (2)
TETRIS DEUEL AGA
SAMURAI SHOWDOWN
ROCKETZ
CYBERTECH CORP (2)
MAD FIGHTERS 2 (3)
MEGABALL AGA
MASQUERADE (2)
EVIL INSECTS
DELUXE PACMAN AGA
PSSST AGA
JETSET WILLY 3
CRYSTAL HAMMER
CARD GAMES DELUXE (3)
KLONDIKE DELUXE (FLOPPY) (3)
KLONDIKE 3 HD ONLY (4)
NOW OVER 60 KLONDIKE CARDSETS AVAILABLE

UTILITIES

MANDELLA
IMAGE STUDIO 2 (2)
DOPUS COMPANION
SPONDULIX V5
AMIGA DOS TUTORIAL
DOPUS EXTRAS
SCOUT SYSTEM MONITOR
AMIGA E V3
DOS MAN
FREE COPY V1.9
AUTOSTEREOGRAM
VIRUS CHECKER 6.58
PRO GAMBLE V2.1
TURBO SUITE V3
MAGIC DISK CREATOR
MAGIC WORKBENCH 2
AWARD MAKER 2
X FILES GUIDE
BOOKY BEATER 1.1

1200 UTILS

VIEWTEK 2.1
AGA ICON EDITOR
A1200 FINAL TEST
BLITZ BLANKER 2.5
VIDEOTRACKER AGA
MAND 2000
3D STEREO KIT
SWAZ BLANKER 2.7
A - Z OF LIGHTWAVE OBJECTS (5)
256 COLOUR ICONS
ICONIAN
SUPER VIEW AGA
IMAGINE TEXTURES GUIDE
FUNNY BACKGROUNDS
DIY REKO (MAKES CARDSETS WITH IMAGE FX)
BALLS AGA (LOTTERY PREDICTOR)

SPECIAL OFFER
BUY ANY 10 DISKS FROM THIS ADVERT FOR ONLY £8.00 INCLUDING P&P. ANY 20 DISKS £15.00

Over 10,000 disks / Send 3x1st class stamps for 2 catalogue disks

Fish Disks 1 TO 1000	Assassins 1 TO 250	17 Bit Disks 1 TO 3800+	All disks 90p P&P 70p per order	Please make cheques & PO's payable to M.Grieve

"The "Little Gem" Micro Audio Mixer and E.Q Unit"

THEY SAID IT!!

"The Little Gem is just the thing to bring your Amiga's sound out of it's shell" - 83% CU Amiga
"This is an essential piece of kit, Buy it now!...If you're serious about using your Amiga for making music, then you MUST have one of these. Simple as that" - Raven (MED User Group)
"The quality of the Gillett Mixer is self-evident...The Gillett Mixer is an extremely useful addition to the equipment armoury of an audio buff." - 83% Amiga User International.
"Feed your sounds through the "Little Gem" micro mixer to make a higher quality end recording." - 80% Amiga Shopper
"If you're a serious tracker or IFF sample user, the Little Gem is a cheap, effective way of improving the sound input and output of your machine" - 84% Future Music
"You place the Little Gem into your signal line and bingo, you instantly get much improved signal level and tone control...Equally important, the Little Gem has very low noise levels (in fact it's as good as some mixers costing ten times the price)" - 9/10 Amiga Computing
"For those users looking for a convenient way of enhancing their existing sounds, this box of tricks could be just the job" - Sound on Sound Magazine

NOW ALSO AVAILABLE FROM SEASOFT COMPUTING AND EMERALD CREATIVE TECHNOLOGY

BATTERY OR MAINS UNIT NOT SUPPLIED



Also compatible with PC's, Ataris, and Macs!

2 Channel In / 2 Channel Out
Independent volume / gain control for each channel
Battery or mains operation - takes no power from your computer
Process sounds prior to sampling - then process again on playback!
Acts as a sound processor to seriously enhance the sound
Hi and Lo EQ (equalisation) to +/- 12db to increase/decrease the bass and treble content of the sound
Pan Controls for stereo positioning of each channel - no need to suffer from hard right and left stereo panning
COMPATIBLE WITH ALL MODELS OF AMIGA, PCs, MACS AND ATARIS

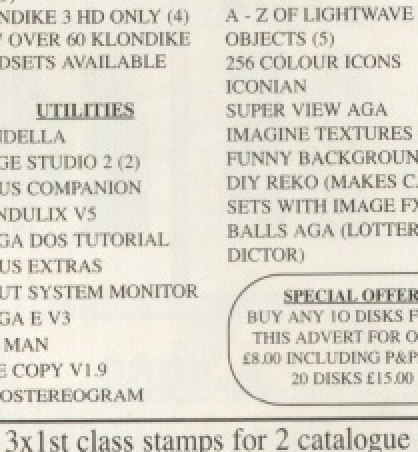
£69.95
Including VAT, packaging & 1st class postage
Overseas delivery: £4 Europe / £8 Rest of World
Cheques and/or postal orders only

Also Available direct from the developer and manufacturer:

GILLETT MULTIMEDIA

10 Saint Audrey's Way, Ely, Cambridge CB6 1DF
Tel (01353) 669203 Fax (01353) 663371

"HOW MUCH?"



The Problem: Eastenders or Street Fighter?
The Solution: A Dedicated Video Monitor.



Hard on copy. Soft on wallet.

Multisync Monitors now available

Microtrade

The Redwood Building, Leighton Road, Buttington, Welshpool SY21 8HE
Tel: 01938 556575/556623

Monitor specification: Philips HCS35 Video monitor with speaker - compatible with **amiga, nes, snes, megadrive i/ii, atari st & composite video** (price includes video lead). **Printer specification:** Philips NMS1136 9-pin NLQ Dot matrix printer, Epson/IBM compatible, 120CPS draft, tractor/single sheet fed, supplied with lead. Note: all equipment advertised is seco nd-user and has been fully refurbished, tested and repackaged in our warehouse facility and carries a 90 DAY WARRANTY. Prices advertised do not include P&P:- please add for single item - **£15.00** Two items - **£19.50. ordering:** please place orders by post ensuring that you specify item(s) required & your computer type. Cheques or postal orders only please, made out to "MICRO-T".

Amiga Technologies M1438S monitor

■ Price: £299 ■ Developer: Microvitec ■ Supplier: Amiga Technologies © 01628 770034

At last the Amiga has an official multisync monitor. So just how good is it with productivity modes?

Amiga Technologies make no secret of the fact that their 1438S monitor is essentially the Microvitec 1438. This monitor that has already proved itself a popular and cost-effective monitor for the Amiga market and has been on sale through outlets such as Silica for some time now.

The M1438S is a multisync, so it can synchronise itself to display a variety of screen modes that use different scan rates. This means it can display PAL (15KHz) screen modes as well as Double PAL/Productivity (31KHz) screen modes. Hence this one monitor is theoretically suitable for games and serious applications alike.

Normal PAL modes, which are used with the majority of games, can be used for serious applications but DBLPal/ Productivity is required for a high resolution picture if you want to avoid those dreaded flickery Interlace modes. In fact HiRES productivity modes in the 31KHz band can be used with the original Microvitec 1438 or many other VGA monitors too, using an Amiga 23 pin to PC 15 pin adapter.

Dual-purpose

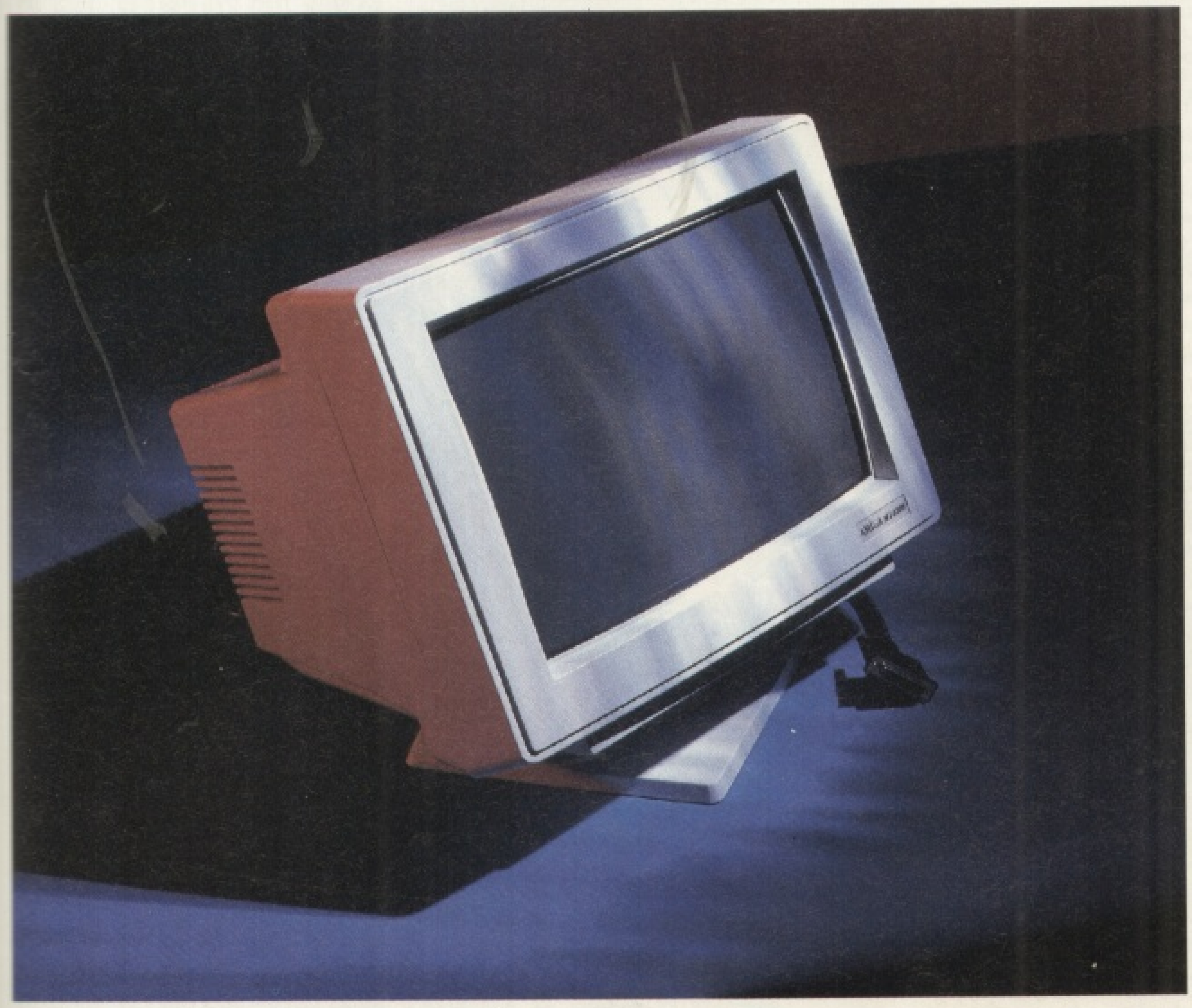
Since the M1438S displays both modes for only 50% more than the cost of a PAL only monitor (such as the Commodore 1084), it seems to represent good value for money. The only really new feature in the Amiga Technologies version, apart from a proper 23 pin RGB input, is the addition of stereo speakers. Unfortunately, the sound quality from these speakers left a lot to be desired, especially where bass response is concerned. They were fine for some games and for the occasional warning beep but pretty useless for serious audio applications.

PC modes?

The other area where the M1438S falls down is in the picture displayed in the 31KHz modes. Large borders are present on either side of the active screen and with the omission of a horizontal size control, it's not possible to reduce them. The brightness and contrast is also too low for a good quality picture.

On the other hand the M1438S displays VGA modes perfectly well from add-on graphics boards like my GVP Spectrum.This would seem to indicate that the monitor was designed for screen modes coming from a PC rather than an Amiga. If this weakness and the sound quality were addressed then the M1438S would be absolutely perfect. As it is, it's still good value, but if multiscan modes and sound quality are a priority, you should look elsewhere. ■

Mat Bettinson



M1438S MONITOR

A500 · A500+ · A600 · A1200 · A1500 · A2000 · A3000 · A4000

system requirements:
4Mb, Workbench 2 or higher, HD installable (5Mb).

ease of use.......................85%
Automatically switches between PAL and Productivity modes.

performance.......................70%
A Multisync monitor but one that lacks screen size in high res modes.

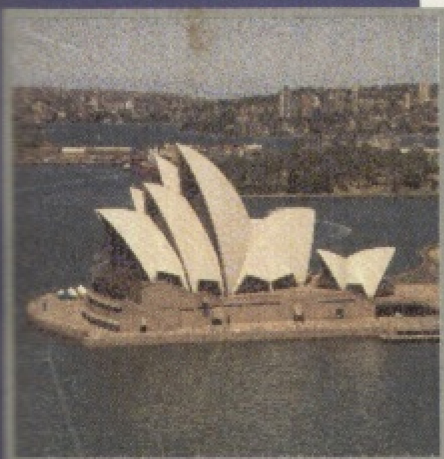
value for money..............85%
Good for only 50% more than the cost of a PAL only monitor.

OVERALL
Good value but sound and hi-res screen modes could be better.
80%


EPIC MARKETING
CD ROM SOFTWARE
Emulators Unlimited contains Software emulation tools for the Amiga & PC. Spread over the two platforms are emulators for: Apple, BBC, Commodore 64, Commodore VIC20, Amstrad CPC, Apple Mac, Gameboy, Atari ST, MSX, Apple200, Atari 800, Atari1040ste, Sinclair QL, Unix and more. Also features hundreds of games,tools etc for most of the emulators.
EMULATORS UNLIMITED NEW!!! (CD117) £19.99
A superb CD-ROM for all STARTREK fans, contains Hundreds of graphic images in IFF & GIF from the very first series too the very latest film/series. Dozens of IFF and WAV sound samples are also included aswell as both the Next Generation & original Startrek Theme tunes. Also includes dozens of Startrek animations in both Amiga anim & FLI.
Only available till end of 1995
STARTREK MULTIMEDIA GOLD (CD04) £27.99
ADULT SENSATION 2 THE NEW BATCH
Adult Sensation 2 features a whole new batch of exciting new Adult material including Over 4,000 colour graphic images, hundreds of Adult/sexy sound samples in WAV,IFF & VOC, Adult stories, Comical sketches, Hundreds of Adult jokes, Dozens of either weird,sick or adult animations in FLI & ANIM. Adult sensation 2 also contains around a dozen original adult music modules that feature sexy samples. Not one for the faint hearted... (18)
ADULT SENSATION 2 (CD115) £19.99
World of Clipart is a double CD-ROM containing around 40,000 mono and colour clipart images contained in over 100 catagories in IFF, GIF, PCX, CDR, EPS, TIF, & BMP. Tools for converting images to another format are included for both the PC & Amiga. Subjects include : Animals, Anatomy, Babies, Men, Women, Trees, Reptiles, Insects, Xmas, Religious, Planes, Vehicles, Ships, Toys, Zodiac signs, Eye catchers, Humour, Cats, Dogs, Computers, Technology, Sealife, Space, Symbols, Royalty, Dinosaurs, Plants, Nature, Ads, Tools, Astrology, Hands, Birds, Business, Office, Workers, Cartoon, Lion King, Education, Food, Gardening, Holidays, Houses & Buildings, Helicopters, Children, Banners, Medieval, Military, Monsters, Music, Sports (football, golf, Aerobics, Olympics, etc), Transport, Trains, War and more. Rated 94% AF
WORLD OF CLIPART Plus DOUBLE CD (CD77) £17.99
Essential utilities is a collection of the most useful tools available. Categories include: graphics converters, text, music tools, Printer drivers, Virus killers, memory utilities, Emulators, Business applications including Wordprocessing, database, spreadsheets, diary systems etc.
ESSENTIAL UTILITIES Volume One (CD74) £9.99
SCI-FI SENSATION
SCI-FI Sensation is an exciting new CD-ROM containing over 1.3GIG of SCI-FI images, animations, 3D objects, Sound FX, Documents, Themetunes, Scripts & SCI-FI games. Subjects included are: Babylon5, Startrek (The original, TNG, Deep Space 9 and Voyager), Batman, Dr Who, Thunderbirds, Robocop, Sea Quest DSV, Bladerunner, Aliens, Terror hawks, 2001. Blake7, Battlestar Galactica, Tron, Total Recal, 2010, Space 1999 etc. Hundreds of miscellanous SCI-FI images, sound fx, SCI-FI music and more. CUAmiga rated: 91% AUI Over 90%
SCI-FI SENSATION DOUBLE CD (CD118) £19.99
FREE CHOOSE ONE OF THE FOLLOWING CDROM TITLES FREE! WITH ALL ORDERS OVER 25.00
FCD49X. LUCKY DIP VOLUME ONE
FCD54. ILLUSIONS 3D
FCD74. ESSENTIAL UTILITES
FCD12. HOTTEST 4
FCD47. PRO FONTS & CLIPART
FCD60. MULTIMEDIA MANIA
FCD159. SUPER CARS '95
FCD163. LUCKY DIP VOLUME TWO
FREE PHONE: 0500 ONE FREE ONE 486
At the time of ordering please request your free CD preference.
If your into Horror then this original CD ROM will please you no end. It contains Thousands of gruesome images, tons of gory animations. Bloody games. Spine tingling horror type sounds, Horror stories, Eariee music modules. Pictures & animations from hundreds of horror films and heaps of real-life blood`n`guts. (over 18 only)
HORROR SENSATION NEW (CD144) £19.99
Over 7000 royalty free colour images. Subjects include: cats, aviation, animals, people, hi-tech, space, cars, trains, textures, nature, sports, pin-ups, boats, flowers, plants, seasons, birds, technology, raytraced, cartoons, fantasy, art, reptiles etc, etc.
GIF SENSATION DOUBLE CD (CD128) £19.99
Arcade Classics is an ALL your original collection of old arcade favourites, Including Amiga & PC variations of : PACMAN, SPACE INVADERS, ASTERIODS, MISSILE COMMAND, PENGO, FROGGER, LOAD RUNNER, GALAXIANS, DONKEY KONG, NUMEROUS TETRIS GAMES, BATTLEZONE, TEMPEST, COMBAT, TRON, SPACE WARZ, THRUST, Q-BERT, HUNCHBACK, MOON PATROL, TRAIL BLAZER, BREAKOUT, CENTREPEDE, CYCLES, BEZERK, SNAKE, SCRAMBLE, PING PONG, BREAKOUT, NUMEROUS C64 CONVERSIONS, A COLLECTION OF JEFF MINTER GAMES AND HUNDREDS MORE. Over 600mb of unforgettable retro-gaming. Floppy drive required, Keyboard recommended.
ARCADE CLASSICS Rated 87% AC (CD76) Now £14.99
THE EPIC COLLECTION
Contains our most popular floppy based software titles on one giant CD-ROM. Now you can purchase the entire Epic collection in one go. This compilation contains hundreds of megabytes of Amiga software. subjects include: Professional mono clipart, colour clipart, numerous 3D objects for Imagine & Lightwave, Colour, Bitmap, Compugraphic fonts & Adobe fonts, Graphics converters, Music tutorials, Beginners guide, 3D stereogram generators, Hundreds of Sound FX and samples, Virus Killers, Hard disk installer & tools, Various Hardware projects, A number of classic demo`s, Hundreds of games including Shoot'em ups, Mind teasers, Puzzle, card, arcade and board games. The latest Assassins games, Emulators and the latest LSD utilities are also included. *Supplied with printed Index.
THE EPIC COLLECTION v2 NEW PRICE!!! (CD100X) £19.99
Retro gaming at it`s best. Around 5000 all time classic spectrum game files on one CD-ROM. Emulators included for the Amiga, Mac, Atari ST & PC (dos & Windows). Games include Manic Miner, Skool daze, Monty mole, Startrek, Thrust, Jet Set Willy, The Hobbit, Strip Poker, Danger Mouse, The Sentinel, Micro Olympics, Under Wurlde, Uridium, Atic Atac, River raid, Barbarian, Hunchback and around 5000 other classic spectrum game files including multi-load games. Speccy part 2 also contains hundreds of documents containing instructions for most games aswell as hundreds of speccy game cheats. Keyboard required.
Rated: AF GOLD 95% - CUAMIGA 91% - AUI Over 90% - AC over 90%
SPECCY SENSATION 2 (CD119) £17.99
Features hundreds of all-time classic C64 programs, Over 10,000 commodore 64 Megademos, over 30mb of classic C64 game tunes and more.
C64 SENSATION (CD120) £19.99
The Grolier electronic Multimedia encyclopedia contains thousands of pages of information on every subject, with Thousands of great colour photographs and illustrations and hundreds of sound clips from the BBC this CD-ROM is an essential purchase for all CD-ROM users.
Rated 97% AC - 94% AF
GROLIER ENCYCLOPEDIA Version 2. (CD46) £26.99
A complete reference library of occult, esoteric, fringe and alternative reality. 40 million words in over 2300 text files. Covers UFOS, Aliens & coverups, The JFK conspiracy, police, Alternative medicine, tarot, palm reading & more.
2000 GREAT MYSTERIES (CD136) £21.99
The 5th Dimension is the 5th disc of the 17bit collection. contains over 600mb of new data. catagories include: Thousands of tools, games, demo`s, music modules, AGA software.
17BIT 5TH DIMENSION (CD157) £19.99
Adult Sensation Volume One contains over 4,000 high quality colour photographs of glamour girls. This CD will take you months to ponder through. Only suitable for persons over the age of 18.
ADULT SENSATION (CD01) £19.99
The largest collection of Magic Workbench Icons, Backdrops and tools ever compiled. Includes well over 5,000 Icons, hundreds of Magic WB backdrops, and megabytes of WB desktop enhancer tools.
(CD152) £9.99
MAGIC WORKBENCH ENHANCER
Lottery Sensation is a compilation of basically every Amiga Lottery predictor freely available, and dozens of documents with previous draws, statistics etc, etc. Increase your chance of winning Millions!!!!.
LOTTERY SENSATION (CD147) £9.99
Lucky Dip volume 2 contains stacks of games, demos, clipart, fonts, music, tools, graphics utilities, Animations, Sound FX, Samples, and loads more. (now with Amiga front end) A bargain!
LUCKY DIP Volume 2 (CD163) £5.99
Graphics Sensation is a collection of the best graphics tools, 24bit images, animations and Imagine & Lightwave objects. Plus hundreds of texture files.
Rated 85% CU
GRAPHICS SENSATION (CD02) £19.99
This CD contains almost 100 variations of the worlds most addictive and loved game. Nearly all the games are ready to run directly from CD, and archived versions are also included.
NOTHING BUT TETRIS (CD148) £9.99
Open Monday-Saturday
Please make cheques payable to: EPIC.
P&P in UK = £1 per title
Overseas P&P = £2 per title
Free colour CD list available
FREE PHONE Order line:
0500 131 486
Order / Enquiry line. 01793 514188 Fax: 01793 514187
EPIC Marketing, 138-139 Victoria Rd, Swindon, Wilts. SN1 3BU. UK
EPIC MARKETING (AUSTRALIA)
If you live in Australia or New-Zealand you can now purchase any of the above CD ROM titles from our Sydney based premises. Send your orders or enquiries to:
EPIC. 36 Forest Road, Heathcote, NSW. 2233. Australia.
Tel: (02) 520 9606
Fax: (02) 520 6077
Please make cheques payable to A. SPITERI
For a Price list please send a SAE. For prices in Australian $$$ simply double the UK £££ prices listed.

CD-ROM Round up

Check out the latest Amiga CD-ROMs in our new expanded reviews section. Tony Horgan spins the discs.



The Colour Library Vol 1

If your appetite for all things pictorial is still unsatisfied, maybe The Colour Library is the disc for you. A rather nice picture viewer is included on the CD which lets you view all of the images without having to use something like *ViewTek*, which could have you sitting around waiting for directory lists on slower Amigas. This way there's no waiting – just click on the picture and up it comes. *Image Desk, Image Studio* and *Fast View* are also included.

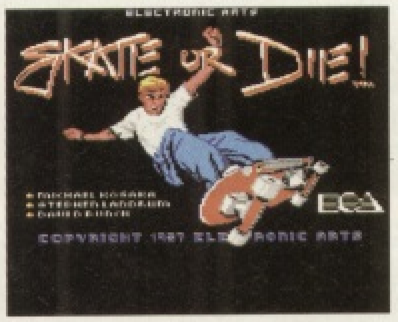
The images themselves vary greatly in terms of content and quality. It seems that a simple trawling technique was used to round up as many pictures as possible from the public domain. Quality control was apparently not a high priority. That's not to say that all of the images are ropey. There are lots of good images here but there's also a large contingent of fuzzy low resolution digitised stills. If you require a wide variety of illustrations for use in DTP applications then The Colour Library should serve you well, so long as you don't expect stacks of high quality high resolution scans.

Available from: PD Soft, 1 Bryant Avenue, Southend-on-Sea, Essex SS1 2YD. Tel: 01702 466933. Price: £9.99 plus 75p P+P.



70 %

C64 Sensations



Unlike the highly popular Speccy Sensations CDs, C64 Sensations is not a collection of old C64 games. I was so looking forward to playing some of those old classics: *Summer Games 2, Racing Destruction Set, International Soccer* and hundreds of others, but I should have read the back of the CD first.

What we have is a compilation of music, demos and pictures from the C64. Some of the music is stored as SID files, and comes with the SIDPlayer utility to play them back on your Amiga. Due to an all too familiar mix-up, the installer is directed to non-existent directories, and so it doesn't work. However, much hunting around will reveal the required library sitting in a deep-rooted directory somewhere on the CD. Copying this to the Libs partition on your hard drive gets it all up and running. Another selection of tunes are stored ready to play from the CD.

Depending on your outlook, C64 music is either a: classic, b: an acquired taste or c: rubbish. If you're not sure what to expect, imagine the sound of a bee trapped inside a Bontempi organ.

Then there are the pictures. These are generally chunky loading screens taken from C64 games and do a good job of reminding us how nice high resolution Amiga graphics look. I'm not quite sure what the attraction is here because let's face it, they are stunningly unimpressive by today's standards.

Finally there are demos. These are included as a rather unfriendly batch of LHA archives. These need to be extracted and then loaded into the C64 emulator Frodo. Anyone expecting a C64 equivalent of the Speccy Sensations disc will be very disappointed.

Available from: Epic Marketing, Victoria Centre, 138 Victoria Road, Swindon, Wilts SN1 3BU. Price: £19.99 plus £1 P+P.

40 %

Aminet 8



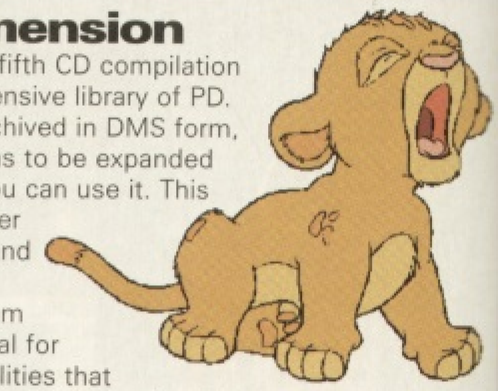
If by any travesty of justice you missed out on our CD issue last month, you will also have missed our free cover mounted version of an Aminet 7 CD. Those who didn't miss out will now be familiar with what has become the world's most comprehensive collection of Amiga PD and shareware. Most of the data is archived, generally with LHA but occasionally with DMS where appropriate. With virtually nothing immediately accessible from the CD this can be a little tiresome, but it does mean you get over a gigabyte of data in total. The AmigaGuide indexes all have automated unarchiving, so that's no problem.

As well as the usual categories of business, development, games, music, comms, utilities, disk tools, graphics, pictures, music, demos, text and hardware projects, Aminet 8 focuses on music modules with a massive 2,000 of them included. Aminet 8 contains over 600Mb of new software along with the best and most useful stuff from previous releases. This cannot be beaten. Definitely an essential purchase.

Available from: PD Soft, 1 Bryant Avenue, Southend-on-Sea, Essex SS1 2YD. Tel: 01702 466933. Price: £12.99 plus 75p P+P.

92 %

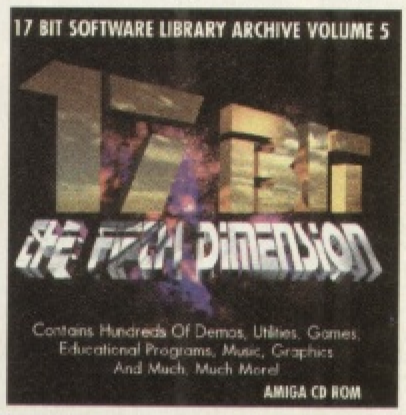
The Fifth Dimension



The Fifth Dimension is the fifth CD compilation from 17 Bit Software's extensive library of PD.

All of the software is archived in DMS form, which means everything has to be expanded onto floppy disks before you can use it. This is the easiest way to transfer a disk-based library to CD and is fine for demos that are designed to run straight from floppy, however it's not ideal for serious applications and utilities that would be better unpacked straight to a hard drive.

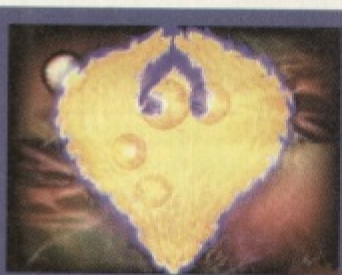
The selection of software on this disc is excellent, taking in the full range of Amiga PD, from games and demos to utilities and applications, along with all the other oddities that find their way into the public domain. Every disk is included from number 3352 (which just happens to be my own Some Justice 94 demo) to 3870. Most of this is top grade stuff. Highly recommended.



Available from: 17 Bit Software, 1st Floor Offices, 2/8 Market Street, Wakefield, West Yorks. Tel:01924 366 982. Price: £19.99 plus 75p P+P.

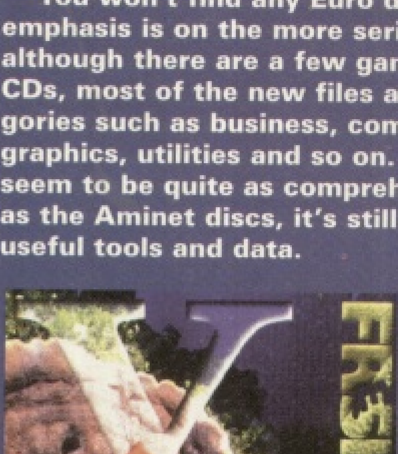
88 %

Fresh Fish X



Fred Fish (real name) is the original Amiga PD compiler. He released his first 'Fish Disk' in 1985 and was one of the catalysts in the growth of the Amiga PD scene. Fresh Fish X is the tenth edition of the CD series, and contains disk numbers 1000 to 1100 in LHA archive form. All new additions to the Fish library since volume 9 are also included ready to run from the CD, plus a selection of other ready to run software filed in a drawer called 'useful'.

You won't find any Euro demos here – the emphasis is on the more serious side of things, although there are a few games. Like the Aminet CDs, most of the new files are split into categories such as business, comms, music, pictures, graphics, utilities and so on. While it doesn't seem to be quite as comprehensive a collection as the Aminet discs, it's still packed with lots of useful tools and data.



Available from: PD Soft, 1 Bryant Avenue, Southend -on-Sea, Essex SS1 2YD. Tel: 01702 466933. Price: £9.99 plus 75p P+P.

80 %

The Global Amiga Experience



Featuring full versions of *Image 2.0*, *Scala 1.13*, *Vista Pro 1.0*, *Distant Suns 4.0*, *X-Copy* and *Clarissa 1.1*, The Global Amiga Experience offers pretty good value for money.

The main aim of the disc is to give you the chance to try out commercial applications in PD demo form, so even if none of the above programs tickle your fancy there are stacks of demos of others to mess around with. The categories include business software, comms, graphics, music, development, learning science, text/DTP, utilities, tools, games and miscellaneous. Although you'll encounter quite a bit of German in some of the programs, most of them are in English. Well worth having.

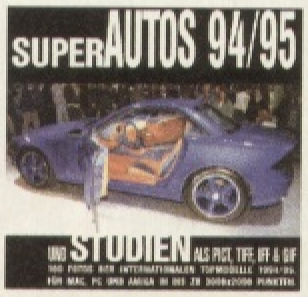
Available from: PD Soft, 1 Bryant Avenue, Southend-on-Sea, Essex SS1 2YD. Tel: 01702 466933. Price: £24.99 plus 75p P+P.

89 %

Super Autos 94/95



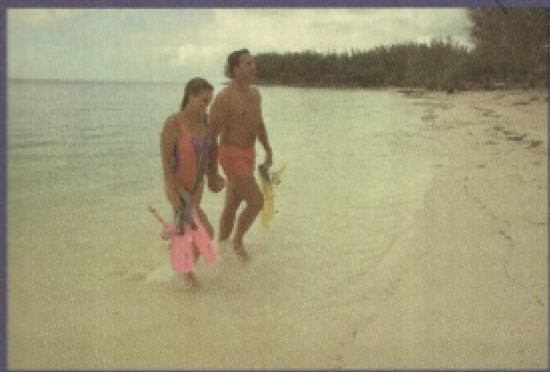
Super Autos 94/95 contains 112 images, all of which are digitised photos taken from a car show. Each image is supplied as a GIF, HAM8 IFF, PICT and TIFF file. There's also a directory that contains files purporting to be IFFs but refused to load on any of our graphics software or viewer utilities. The pictures have been digitised at high res interlaced resolution and are very clean. If your 'PicturesOfCars' directory on your hard drive needs topping up, here's the solution.



Available from: PD Soft, 1 Bryant Avenue, Southend-on-Sea, Essex, SS1 2YD. Tel: 01702 466933. Price: £4.99 plus 75p P+P.

70 %

AGA Experience



With AGA Experience, SadENESS PD have put together a very accessible compilation of fun PD. Although there are some utilities and tools, the emphasis is on demos, slideshows and games. Quite a few of the items can be run straight from the CD, although as is usually the case, this does cause occasional crashes when assigns haven't been set properly and so on. It's geared towards AGA Amigas and although you can access the files from any CD-equipped Amiga, most of the data is AGA-only.

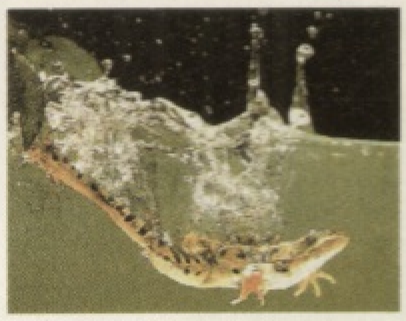
The most impressive element of the disc is the vast number of top new demos, many of which can be run from the CD, although unfortunately they won't all quit back to your Workbench when they've finished. Games are also here in abundance and there's a selection of very high quality digitised images.

Far from a cheap shovelware compilation, The AGA Experience is one of the best ways of catching up on all the latest not so serious Amiga PD. This is well worth taking a look at if you want a good cross section of PD.

Available from: SadENESS, 13 Russel Terrace, Mundesley, Norfolk NR11 8LJ. Tel: 01263 722169. Price: £17.99 incl P+P.

90 %

Phase 1



Nothing to do with the 17 Bit Phase X series of CD-ROMs, this Phase 1 is filled mainly with clip art, image and font files for use in DTP, graphics and video work. The graphics are split into descriptive directories (cars, animals, fantasy etc.). Each category has its pictures compressed onto one or two screens of thumbnail previews, together with filenames for all the images, so locating the right picture is no trouble.



While some of the colour clip art is very familiar and has previously appeared on similar CDs, the general standard is very high. The clip art is divided into colour, mono and EPS formats, while the images are all present in 16, 256 and 4096 HAM colours. DTP artists will enjoy the large number of fonts available in *Compugraphic, ProDraw,* Type 1 and IFF formats.

A lucky bag of utilities are on hand to help you out of miscellaneous tight spots. Demo versions of *Typesmith 2.5* and *PageStream 2* are in attendance, along with update patches for *PageStream 2 & 3, OpalVision* and *Typesmith 2.5a*. In all, a very competent clip art and font collection.

Available from: EM Computergraphic, 8 Edith Road, Clacton, Essex CO15 1JU. Tel: 01255 431 389 Price: £24.99 plus £1 P+P.

86 %

Zero G Datafile 1

Zero G Datafile 1 is the CD-ROM version of the audio sample CD of the same name. You may remember it was this CD that had a big hand in starting the whole dance sample CD market a few years ago. We reviewed the original audio disc and rated it highly. This has all the samples from that disc in 16 bit WAV format, sampled at 44.1kHz.

Strictly speaking this isn't an Amiga CD-ROM, but it can be used easily enough directly with *OctaMED 6*, or if you use another sequencer, the samples can be converted using one of a number of PD utilities.

While the audio sample CD market has exploded, slow progress is being made when it comes to CD-ROM equivalents which is surprising, considering the advances in desktop music in recent years. So rather than getting the latest releases on CD-ROM, we have Datafile 1. While this was a great CD when it was released, it has since been sampled to death, and what were once fresh sounds are now old hat (a testament to its success at least!).

If you are converting these samples to 8 bit IFFs, it's worth boosting the volume 50% or so before downgrading, as many of them are fairly quiet (which partly defeats the advantage of taking the samples from 16 bit originals). Even so, it still beats most other music CD-ROMs by a mile.

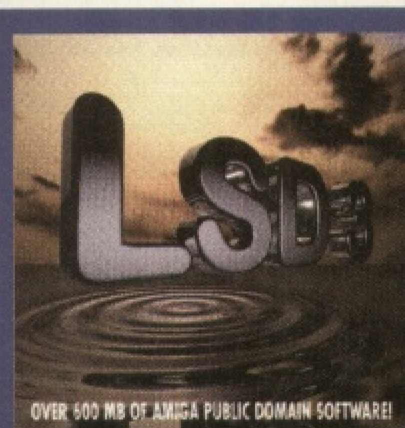


While this disc isn't such an attractive proposition, it's worth looking out for other CD-ROM (and audio) releases from Time and Space. Give them a call and they'll send you a free catalogue.

Available from: Time and Space, PO Box 306, Berkhamsted, Herts HP4 3EP. Tel: 01442 870681. Price: £19.95 plus 75p P+P.

79 %

LSD 3



While some CDs are full of shaky files with bugged or non-existent installer utilities, LSD 3 is simultaneously one of the most useful and user-friendly discs around. It's been put together by the Amiga group LSD, the product of much data swopping and net surfing. The emphasis is on the demo scene, although there are also a few utilities, clip art files and sound samples.

LSD have taken the trouble to make as many of the demos run straight from the CD wherever possible (rather than storing everything as an LHA archive which needs to be unpacked and then run). Considering the 650Mb capacity of CD-ROM, this is something I'd like to see more of. There's also a good selection of animations and pictures which can be viewed straight from the AmigaGuide index. Music fans are well catered for too, with lots of *Protracker* and *Screamtracker* modules.

Not everything can be run straight from the CD, so in the Archived Files section you'll find another load of demos, animations, pictures, animations and samples. Games get a look in too with Assassins disks 211 to 250 along with a few others for good measure. If you like the fun side of Amiga PD, LSD 3 is definitely the one for you.

Available from: 17 Bit Software, 1st Floor Offices, 2/8 Market Street, Wakefield. Tel: 01924 366982. Price: £19.99 plus 75p P+P.

90 %

NEW TITLES

GAMES

G670 **AMAZON CARDS** Body buidling babes. For K.Deluxe III.
G671-673 (3 disks) **HELSINKI FORCE 1** 2 Player beat-em-up. AGA.
G674 **STRIKE COMMANDER** Jet figher dog fighting game.
G675 **TRAIN DRIVER v1.3** 3D train driving game. More interesting than the name suggests. Not WB 1.3.
G676 **DELUXE GALAGA v2.6c** New version of the most fantastic shareware shoot-em-up on the Amiga. AGA only.
G677-678 (2 disks) **MOVIE MAKER 2** Amiga Format AMOS game compo runner up. You are the head honcho of a film company. Lights, Cameras and action. For broad minded players only. Not WB 1.3.
G679 **WHEEL OF FORTUNE v2** Shareware version of the TV show.
G680 **ELDRITCH** Dungeon action role playing game. AGA only.
G681 **GREYHAWK CARDS** Fantasy Klondike Deluxe card set.
G682 **BATMAN 3 CARDS** Klondike Deluxe III card set.
G683 **SORAYAMA HAJIME CARDS** Fantasy nude K.Deluxe III cards.
G684 **REBELLION** Multi-directional space shoot em-up.
G685 **MACHO KILLERS** First person perspective machine gun blasting spree.
G686 **MOTOR DUEL** Fast paced 3D filled vector based car killing game. 2 Player computer-computer link up too. Formerly Licenseware.
G687 **PAMELA ANDERSON CARDS** Cardset for Klondike Deluxe III.
G688 **REN & STIMPI CARDS** Cardset for Klondike Deluxe.
G689 **STREET FIGHTER II ARCADE CARDS** Cardset for K.Deluxe.
G690 **STAR GATE CARDS** The film. Cardset for Klondike Deluxe III.
G691 **SUPER SKIDDY THINGS 3** Fantastic ice skating racing game for 2 players. Very original and playable.
G692 **TRAP `EM** Shareware demo version of a very entertaining platform game. Well worth getting hold of. AGA only.
G693 **CHECKERS CONQUEST 2** Very challenging 1 or 2 player Draughts game. Looks cool too. Not WB 1.3.
G694 **MANGLED FENDERS - COMBAT EDITION** Brilliant 6 tank blast and smash em up event. Not WB 1.3.

UTILTIES

U784 **ZXAM SPECTRUM EMULATOR 2.0b** AGA only.
U787 **STAR WARS & STAR TREK REAL 3D OJBECTS** Some objects to get your started.
U788 **HOUSE HOLD REAL 3D OBJECTS** Furniture and other bits and pieces found around the homestead.
U789 **ULTRA ACCOUNTS 2.0** Excellent accounts package for your domestic home accounts. Shareware.
U790 **MEGA CHOICE 1** Useful utility compilation.
U791 **MEGA CHOICE 4** More utils compiled by Team 19.
U792 **COP THE LOT PRO** Very well programmed lottery software.
U793 **LOTTERY PRO** Yep, another one of you know what. Good.
U794 **FUBAR UTILITY DISK 1** Utilities plus Batman clipart and Magic Workbench icons.
U795 **SPLATTER PAINT** Interesting paint programme, ideal for abstract artists. Not WB 1.3.
U787 **FINANCIAL ACCOUNTS v1.2** Shareware small business and personal accounts package.

DEMOS

D291-292 (2 disks) **CONTROL** Superb demo showing the graphics ability of the AGA machine. Textured map heaven. AGA only.
D293-294 (2 disks) **ABSTRACT** heavy duty demo. 6 Meg required. Hard drive required. AGA only.
D295 **JULIET AND CASE** This is one amazing piece of work. Don't miss it. AGA only.
D296 **BAYGON** By Melon Dezign. Weird and wonderful. AGA only.
D297 **PLANET M** Imaginative Melon Dezign mish mash. AGA only.
D298 **ALIEN - SCOOPEX** Plenty of different routines. AGA only.

MISCELLANEOUS

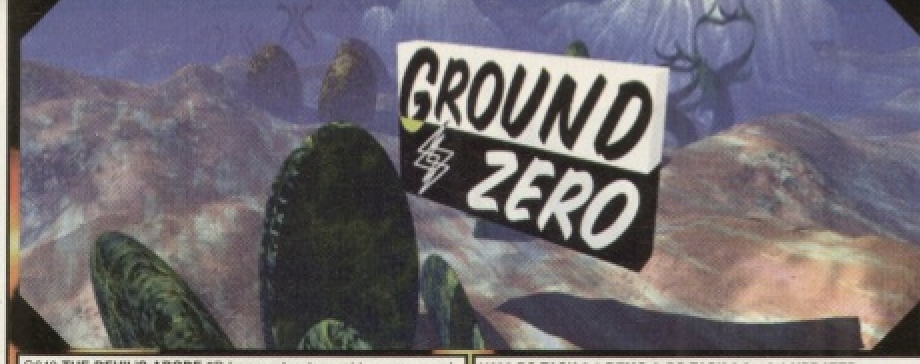
E112 **GREAT BRITAIN ALMANAC** An interesting rough guide to all the counties and regions in England, Wales and Scotland. Not WB1.3.
E113 **WORLD ALMANAC** A to Z of countries of the World. Not WB1.3.
E114 **FRENCH TUTOR** Multimedia based tutor created in HyerBook.
E115 **BASIC ELECTRONICS v1.1** A beginers guide.
E116-117 (2 disks) **BASIC ELECTRONICS v1.5** A beginers guide.
T97 **ZX FILES ISSUE** Disk mag for Speccy emulator and Spectrum computer enthusiasts. Not WB 1.3.
T98 **WHITBY AMOS CLUB DISK MAGAZINE** Special edition of this fine AMOS coded disk magazine for Amos programmers. AGA only.
T99-100 (2 disks) **CHEAT - CHECKER** Huge database of game cheats and hints. Hard drive required. Not WB 1.3.
T101 **SIMPSONS GUIDE** A comprehensive insight into the Simpson murder trial. Pictures and text.
T102-103 (2 disks) **WORD 7** Latest issue of NFA's popular disk mag.
T104-T105 (2 disks) **OJ STUFF** More OJ Simpson trial text and pictures than you can shake a blood soaked glove at.
A186 **DOOM MORF** Characters from the game morph from one to another. AGA only.

SLIDESHOWS

S270-272 (3 disks) **MADONNA SEX** The pictures from her metal encased book.
S273 **ART OF ILLUSION** Collection of clever opticial illusions.

GAMES

G630 **CODE NAME NANO DEMO** Thrust sytle arcade puzzle game. AGA only.
G631 **NIMBLE** Original shareware puzzle game.
G632 **SUPER DRIVE** Overhead racing game. Plus other games.
G633-634 (2 disks) **BLACK DAWN 5 - A NEW BEGINNING** Next in the series of Dungeon Master style adventure games. Shareware.
G635 **EXCELLENT CARD GAMES III** Compilation of five shareware card games. AGA only.
G636 **GRIBBLE** Not exactly a game but a stress relief programme allowing you to eliminate a cartoon version of someone you hate.
G637 **APATHY v1.9** Executive toy programe with over 50 functions.
G638 **BATTLE WORM v0.8** Light cycles style game.
G639-640 (2 disks) **DNX** The race for evolution. Playable demo of an amazing 3D shoot-up-up. AGA only.
G641 **DARK ANGEL** Futuristic shoot-em-up that looks and plays something like flashback, WOW! Playable demo version.
G642 **SOLVASQUARE** Sliding puzzle HAM picture game.
G643 **GALLEONS** From the author of the superb Last Lap. 2 player marine warfare.
G644 **SKID RACER** Smooth scrolling overhead micro machines style racing game.
G645-646 (2 disks) **DATA STORM** Well throughtout and produced sci-fi dungeon master style game. Shareware.
G647-648 (2 disks) **COURSE ANGLER** Shareware game for fishing fanatics. All the fun of the sport without the hassles.



G649 **THE DEVIL'S ABODE** 3D horror adventure set in a grave yard. Shareware. AGA only.
G650 **ZOMBIES** Alien Breed type shoot-em-up. AGA only.
G651 **ENDURANCE DEMO** 3D Construction Kit game. AGA only.
G652-653 (2 disks) **ACT OF WAR MISSION HELPER** Extra help on how to produce your own maps with the registered version.
G654 **WIRED CHAOS v1.45** Light cycles game for 1 to 4 players.
G655 **FEARS JUNE PREVIEW** Another playable demo of this doom clone, more weapons and more fun. AGA only.
G656-657 (2 disks) **SEVERED HEADS** Text graphics adventure game with a horror theme. Very good.
G658 **WARGAME PROCESSOR** At last a full featured wargame in the public domain. Includes mission editor. Hard drive required.
G659 **PANIC SOCIETY** Humourous point and click graphic adventure set in a Big Brother future led by Hilary Clinton. Hard Drive needed.
G660 **BLACK KNIGHT** Fruit machine game. Shareware.
G661-664 (4 disks) **INNER DEMONS** Spooky horror adventure game. From the the author Child Murderer.
G665 **KYLIE MINOGUE CARDS** Cardset for Klondike Deluxe III.
G666 **KATHY IRELAND CARDS** Cardset for Klondike Deluxe III.
G667 **VT CHICKS CARDS** Cardset for Klondike Deluxe III. Over 18's.
G668 **DREAM CARDS** Cardset for Klondike Deluxe III. Over 18's.
G669 **DREAM 2 CARDS** Cardset for Klondike Deluxe III. Over 18's.
G443-G444 (2 DISKS) **CHANEQUE** Brilliant Lemmings style platform puzzle game reviewed last month.Very addictive.
G511-G513 (3 DISKS) **CARD GAMES DELUXE** Uses the Klondike card sets. Video Poker and Black Jack. 3 Meg required.AGA only.
G518 **CARNAGE** Superb 2 player blaster. Play split screen, null modem link between two computers or via modem. Not WB 1.3.
G514 **VENUS CARDS** Glamour cards for Klondike Deluxe 2 or better.
G516 **MARILYN 2 CARDS** For Klondike Deluxe 2 or better.
G519-G522 (4 DISKS) **CHILD MURDERER AGA** Sinister horror text/graphic adventure set in victorian times. AGA only.
G523-G525 (3 DISKS) **CHILD MURDERER ECS** The above adventure game for non-AGA Amiga's. Avoid is easily scared. Not WB 1.3.
G556 **WHEEL CHAIR GLADIATORS** Up to 4 player beat-em-up with plenty of weapons. Not WB 1.3.
G557 **INDYCAR CHALENGE** Racing team management game.
G564-G573 (10 DISKS) **CLASSIC C64 GAMES** Full to the brim with famous Commdore 64 games of yestayear. Requires C64 Emulator.
G575 **SPRING TIME** Ingenious 3D arcade puzzle game.
G576 **DIAMOND CAVES 10** Neat Boulder Dash game. AGA only.
G577 **MASTER BLASTER 101** 2 Player Dynblaster clone.
G579 **PLAYBOY CARDS** For Klondike Deluxe.
G580 **TANKS** 3D vector graphics 2 player shoot-em-up.
G615-G616 **SUPER COMBAT 3** 2 player split screen combat game. Mission objectives for each level and loads of weapons. AGA only.
G620-G625 (6 DISKS) **KLONDIKE DELUXE 3 DISK VERSION** This version no longer requires a hard drive, but does need 4 meg of memory. AGA only.
G628-G629 (2 DISKS) **SKIDMARKS 2 CARS** new cars for Super Skidmarks. Toyota Supra, Land Rover, Truck, Wheel Chair. AGA only.
G606 **GLOOM DEMO** Playable Doom clone game. AGA only.

UTILITIES

U753 **BOOKIE BEATER** Betting tool to help maximise your winnings. Can be used with just about every betting sport.
U754 **AUTO STEREOGRAM v4b** The best version around? Demo.
U755 **WORKBENCH 2 HD INSTALLER** The easy way to install Workbench on your hard drive. Kickstart 2 only.
U756 **WORKBENCH 3 HD INSTALLER** Kickstart 3 only.
U757 **TOOLS DAEMON v2.1** Add your own pull down menus to Workbench. Eg. an easy way to access programmes. Not WB 1.3.
U758 **MAGIC WORKBENCH V1.2P** Updated version of the original Magic Workbench. Not WB 1.3.
U759 **POWER CACHE v37.115** Increase hard drive read and write performance. Shareware. Not WB 1.3.
U760 **DESKTOP MAGIC** Modular screen blanker with sound sampes.
U761 **SNOOPDOS v3** Monitors all the Amiga's operations to give an insight into problems with loading software etc. Not WB 1.3.
U762 **AIBB v6.1** The ultimate Amiga performance tester.
U763 **CHECK IT OUT v1.02** Personal accounts manger. Shareware.
U764 **DISK MON TOOLS** Tools to repair, optimise HD's. Not WB 1.3.
U765-766 (2 disks) **TOOLS MANAGER v2.1** Customise your Workbench with desktop menu strips. Hard drive needed. Not WB 1.3.
U767 **SPONDULIX v5** Shareware personal accounts programme.
U768 **MAP DESIGNER v2A** Shareware.
U769 **EDWORD PRO 5** Powerful shareware text editor. Not WB 1.3.
U770 **WORD 2.3** Spell checker add-on for GOLD ED. HD required.
U771 **VMM & VMEM** Virtual memory software for Amiga's with and without MMU's. 68020 or 68030 processor or better required.
U772 **SUPER DARK v2.1A** Modular screen blanker. Not WB 1.3.
U773-774 (2 disks) **THE COMPLETE VIDEO TEST SYSTEM** 20 test patterens to evaluate, troubleshoot or compare video equipment.
U775 **LOTTERY NUMBERS v1.1** Another one of those predictors.
U776 **FORMULA ONE INFORMATION SERVICE v2.2** Shareware database for storing the F1 season results.
U777 **VARK'S CLI UTILITIES no.8** The latest mass collection of utils.
U778 **ORGINISER BIT'S** Extra supplements for Digita Organiser.
U779 **MOSAIC v1.2** World Wide Web client. MUI required.
U780 **GRAPEVINE** Internet Relay Chat client.
U781 **SUPER DMS v2** Interface for DMS. DMS included. Not WB 1.3.
U782 **LOTTO LUNACY v5.1** The best freeware Lottery programme.
U783 **DISK CATALOGUER** Scans your DOS disks and keeps the information in a database. Shareware.
U784 **ZXAM 2.0b** New version of the Spectrum emulator. AGA only.
U785 **DIRECTORY OPUS 5.0, 5.01 > 5.11 UPDATER** Updater disk.
U786 **SHAPE SHIFTER** The software Macintosh Emulator. Mac ROMS and OS required. Not WB 1.3.

U689 **PC TASK 3.1 DEMO & PC TASK 3.0 > 3.1 UPDATER** Useable software based PC emulator demo. Plus updater for full version of PC Task. Not WB 1.3.
U692 **PROTITLER 2.1** Powerful shareware video titling application. Subtitles, headlines, scrolling cast lists. This does the lot. Not WB 1.3.
U693 **DELITRACKER II** Hi fi style music module player. Supports over 100 different formats. Not WB 1.3.
U694 **PARNET HARD DRIVE 1.4** Amiga to Amiga/Amiga to CDTV/Amiga to CD32 (SX1) parnet software. Easy to use. Not WB 1.3.
U695-U697 (3 DISKS) **ARCHIVING KIT** Lha, Lzx, Tar, Zip, Zoo, Dms, Arj, ULencode.
U698 **MAGIC DIRECTORY OPUS COMPANION** Adds extra features.
U699 **METEAFORM TUTORIAL** For Lightwave.
U700 **MAIN ACTOR v1.55** Module animation system. Need Hard Drive. Not WB 1.3.
U701 **VIC 20 EMULATOR** Plus 20 games to try out.
U702-U703 (2 DISKS) **D PAINT 4.1 BUDDY SYSTEM** On line tutorial / reference manual for this art package.AGA only.
U748 **LIBRARYS AND DATATYPES** 47 of them. AGA only.
U704 **AMIGA TO PSION** Connect your Amiga to Your Psion Palmtop.
U705 **NATIONAL LOTTERY WINNER 2.0** Not WB 1.3.
U709 **MORE HARD DRIVE GAME INSTALLERS** Alien Breed II ECS, Apache, Apocalyse, Arcade Pool, Assasin, Bill's Tomato game, Body Blows 2 AGA, Crash Test Dummies, Cyberpunks, Elfmania, Fantastic Dizzy, Kick Off 2 AGA, Lotus 3, Man United Premiere League Champions, Muzzy, Naughty Ones AGA, Pierre Le Chef, Trolls AGA, Ultimate Pinball, Zool AGA.
U710 **DISK STIK V1.1** Handy program for printing 3.5" disk labels.
U711 **PRO PAGE V2.1 HELP DISK** Tuition.
U712 **PRO PAGE TEMPLATES** Templates for cassette sleeves, disk box dividers, video spines etc. Plus a load of genies.
U713 **APLAYER 1.21** Brilliant, convenient multi-tasking module player. Not WB 1.3.
U714 **COLOUR WB** Change the look of your workbench icons with these better looking replacements. AGA only. Hard Drive Only.
U715-U717 (3 disks) **WORKBENCH BACKDROPS** Selection of Workbench background pictures and patterns. AGA only.
U718 **ART PRO** conversion and processing package. Supports main popular formats plus datatypes. Not WB 1.3.
U719 **TEXTURE STUDIO v1.01** Texture editor for Imagine 3. Many super mapping features. Shareware. Require FPU. Not WB 1.3.
U720 **AMIGADOS GUIDE v1.5** Learn about the Amiga DOS commands, the Amiga Dos applications and what those errors mean.
U721 **PROTECTOR** File encryption programme.
U722 **BALLS** Super lottery numbers programme. Generates random selections and can calculate numbers by examining the database of past winning numbers. AGA only.
U723 **HARD DRIVE GAME INSTALLERS 3** Uridium 2, Trolls ECS, Super Stardust, Shadow of the Beast 3, Skidmarks 2, Skeleton Krew, Arnie 2, ATR, Beneath a Steel Sky, Bump & Burn, Faskback, Kings Quest 6, Lion King AGA, Mortal Kombat 2, Naughty Ones ECS, Parasol Stars, Rise of the Robots, Rock & Roll, Sesible World of Soccor, Shadow Fighters ECS. Not WB 1.3.
U724-U725 (2 disks) **MAGIC WB ICONS 6** More Icon replacements.
U726-U727 (2 disks) **MAGIC WB ICONS 7** More Icon replacements.
U728-U729 (2 disks) **MAGIC WB ICONS 8** More Icon replacements.
U730-U731 (2 disks) **MAGIC WB ICONS 9** More Icon replacements.
U732-U733 (2 disks) **MAGIC WB ICONS 10** More Icon replacements.
U734-U735 (2 disks) **MAGIC WB ICONS 11** More Icon replacements.
U737 **SET-UP PROCEDURES** How to set up self booting dos disks. Several useful utilities included to aid the task.
U738 **GFX LAB 24** Image processing programme catering for 24 bit images. Jpeg, GIF, Targa, Ham 8, IFF, etc.. AGA only.
U739 **VIRUS WORKSHOP v5.1** Latest version of this extensively featured virus killer. Not WB 1.3.
U740 **A1200 TOWER FIT** Fit the guts of your A1200 into a PC case.
U741 **VIRUS CHECKER 6.52** New version of this well known virus protection programme.
U742 **HEDDLEY v1.1** Write Amiga guide documents the easy way with this superb programme. Not WB 1.3.
U743 **CD ROM DRIVERS** Driver software for SCSI mounted CD Rom devices. Not WB 1.3.
U744 **TEXT MASTER 1.0a** Full featured shareware word processor with 36,000 word spell checker. Not WB 1.3.
U745 **FRODO 1.5** A great Commodore 64 emulator. Not WB 1.3.
U746-U747 (2 DISKS) **STAR TREK WB PATTERNS** The Next Gen, DS9 and Voyager Workbench backdrops. AGA only.
U749 **SOUND BOX v1.98** 16 sound sample converter supporting; RAW, IFF, VOC, WAVE, AIFF, MAUD and Maestro formats. Not WB1.3.
U750 **ADDRESS PRINT V4.4** Utility for address labels. Shareware.
U677 **F1 EDITOR** Allows you to edit various cosmetic and physical aspects of the Formula One Grand Prix game.
U670 **PERSONALITY ANALYSIS** A rather neat programme that will write a essay on your personality.

SLIDESHOWS AGA ONLY

S165-S166 (2 DISKS) **SHERILYN FENN SLIDES**
S167-S169 (3 DISKS) **DANNII MINOGUE SLIDES**
S170-S172 (3 DISKS) **KATHY IRELAND SLIDES**
S173-S175 (3 DISKS) **KATHY IRELAND SLIDES 2**
S176-S178 (3 DISKS) **KYLIE MINOGUE SLIDES**
S179-S181 (3 DISKS) **KYLIE MINOGUE SLIDE 2**
S182-S184 (3 DISKS) **NIKKI TAYLOR SLIDES**
S185-S187 (3 DISKS) **PAMELA ANDERSON SLIDES.** Over 18's
S188 **PATRICIA FORD SLIDES**
S189 **PAULA POROZKOKA SLIDES**
S190-S192 (3 DISKS) **FEMALE BODY BUILDERS SLIDES**
S196-S198 (3 DISKS) **CHRISTINA APPLEGATE SLIDES**
S199-201 (3 DISKS) **ORIENTAL LADIES SLIDES** Over 18's only.
S202-204 (3 DISKS) **ORIENTAL LADIES SLIDES 2** Over 18's only.
S205-207 (3 DISKS) **BLOND BOMBSHELLS SLIDES** Over 18's only.

"All F1 and CLR available"

S208-S210 (3 DISKS) **BLOND BOMSHELLS SLIDES 2** Over 18's
S211-S213 **ANNA NICOLE SMITH SLIDES** Over 18's only.
S214 **VANNA SLIDES** Over 18's only.
S216 **DOOM 2 SLIDES** From the PC game.
S217 **NOSTALGIA** Slideshow of classic C64 games, plus a montage of the old tunes.
S218-S219 (2 DISKS) **STAR TREK GENERATIONS** Slideshow from the film.

SLIDESHOWS ALL AMIGAS

S220 **SHERILYN FENN SLIDES**
S222-223 (2 DISKS) **DANNII MINOGUE SLIDES**
S225-226 (2 DISKS) **KATHY IRELAND SLIDES**
S228-229 (2 DISKS) **KATHY IRELAND SLIDES 2**
S231-232 (2 DISKS) **KYLIE MINOGUE SLIDES**
S234 **KYLIE MINOGUE SLIDE 2**
S237-238 (2 DISKS) **NIKKI TAYLOR SLIDES**
S240-241 (2 DISKS) **PAMELA ANDERSON SLIDES.** Over 18's
S243 **PATRICIA FORD SLIDES**
S244 **PAULA POROZKOKA SLIDES**
S245-246 (2 DISKS) **FEMALE BODY BUILDERS SLIDESS**
S251-252 (2 DISKS) **CHRISTINA APPLEGATE SLIDES**
S254-255 (2 DISKS) **ORIENTAL LADIES SLIDES** Over 18's only
S257-258 (2 DISKS) **ORIENTAL LADIES SLIDES 2** Over 18's only
S260-261 (2 DISKS) **BLOND BOMBSHELLS SLIDES** Over 18's only
S263-264 (2 DISKS) **BLOND BOMSHELLS SLIDES 2** Over 18's
S266-267 (2 DISKS) **ANNA NICOLE SMITH SLIDES** Over 18's only
S269 **VANNA SLIDES** Over 18's only.

F1 LICENCEWARE

POSTAGE AND PACKING ON F1 SAME AS PUBLIC DOMAIN P&P

F1-041 **GRAND PRIX MANAGER** Run your own Grand Prix racing team. Highly acclaimed. 1994 Season. PRICE £3.99.
F1-044 **BLACKBOARD v3** Professional image processor. Requires 2 floppy drives. PRICE £5.99.
F1-050 **ABSOLUTE BEGINNERS GUIDE TO AMOS V2** Guide for new Amos peogrammers. PRICE £4.99.
F1-052 **OPERATION FIRE STORM** Green Beret. PRICE £3.99.
F1-031 **POWERBASE v3.30** Professional database. PRICE £3.99.
F1-032 **WORD POWER v2** Solve crosswords and anagrams. Huge 36,000+ word dictonary. PRICE £3.99.
F1-033 **POWER PLANNER** Personal orginiser. PRICE £3.99.
F1-066 **G.R.A.C** Make your own graphic point and click adventure games like Relics Of Deldroneye. Not WB 1.3. PRICE £4.99.
F1-068 **AQUANAUT** Underwater shoot-em-up. From the author of Giddy I & II and Operarion Fire Storm. Incredible. PRICE £3.99.
F1-063 **SPEEDTRIS** Tetris game with NEW features. PRICE £3.99.
F1-072 **THE EIRE RAISING ADVENTURES OF SEAMUS O'MALLEY** Genuinely funny point and click graphic adventure. £6.99.
F1-074 **AMIGA ASSIST** To show beginners how to use their Amiga. Many in-depth easy to read topics. PRICE £3.99.
F1-076 **OBSTICKLE** Mulit-level bouncy platform game. £3.99.
F1-078 **SUNNY SPELLS** Fun with spelling for kids. PRICE £3.99.
F1-080 **MAL'S MAP EDITOR** For Amos and Amos Pro. PRICE £3.99.
F1-081 **AQUAKON** Doom on water. 3D shoot-em-up. By the author of Relics and Fortress. AGA only. PRICE £5.99.
F1-83 **IMAGE COMPRESSOR** For Amos programmers. Replaces the IFF compactor. PRICE £3.99.
F1-84 **WORD PLUS+ PRO** Used to sold for £14.95. Aid for solving crosswords, anagrams, etc... 75,000+ dictionary. PRICE £4.95.

INTRODUCING WORKBENCH 2 An ideal way to learn about how to use your Amiga. Rated 90% AUI, 92% Amiga Shopper. What are you waiting for. Not WB 1.3. £6.99

BLACK BOARD 4 Powerful image processing package complete with manuel.Not WB 1.3. Amiga Shopper 90% - Star Buy. £8.99

MAGIC PAINT BOX Full featured childrens art package. 84 tools and complete with printed manual. Not WB 1.3. £6.99.

ALIENS CONFIDENTIAL MULTIMEDIA

A comprehensive compilation of facinating UFO, extraterrestrial related text and picture files for the Amiga. Information about abductions, Roswell, Area 51, Cattle mutilations, crop circles, cover ups and much more including several digitised pictures of UFO's. PRICE: £9.00 + P&P. 9 DISKS.

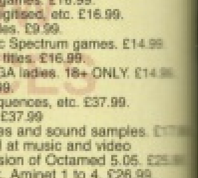


AN EXCLUSIVE GROUND ZERO PRODUCTION BY Jeremy Ford.

ONLY AVAILABLE FOR AGA AMIGAS

G.R.A.C v1.1

Create professional graphic point and click adventure games like this! No programming knowledge needed, just the limits of your vast imagination. NEW VERSION, NOW WITH PRINTED 28 PAGE BOOK
Price: £6.99 + P&P. 2 Disks.
F1 LICENCEWARE GOLD RANGE
Not WB 1.3 compatible.



The above game, Lethal Formula is included in the package

CD's

WEIRD SCIENCE CLIP ART 1000's of images. £9.99.
ASSASSIN GAMES The collection from 1-200. £16.99.
AMOS PD LIBRARY 2 Amos titles and source code. £16.99.
AMINET 4 The latest titles from around the globe. £14..99.
AMINET 5 PD Software straight off the Internet. £14.99.
HOTTEST 4 Games, utils, animations, demos etc. £16.99.
HOTTEST 5 Loads more great public domain stuff! £16.99.
AMIGA RAYTRACER 2 Imagine, Lightwave objects etc. £16.99.
GOLD FISH DOUBLE CD Fred Fish disks 1-1000. £25.99.
LOCK AND LOAD 1000 classic PD games. £16.99.
PRO CLIPART GIFS Glamour, art, digitised, etc. £16.99.
WEIRD SCIENCE FONTS 18,000 files. £9.99.
SPECCY SENSATIONS 500+ classic Spectrum games. £14.99.
17 BIT PHASE 4 All of 17 Bits latest titles. £16.99.
ADULT SENSATIONS Over 3000 AGA ladies. 18+ ONLY. £14.99.
ADULT SENSATIONS 2 NEW. £16.99.
LIGHTROM 3d Objects, Images, Sequences, etc. £37.99.
LIGHTROM 2 More Lightwave gear. £37.99
SOUNDS TERRIFIC Music modules and sound samples. £1…
MULTI MEDIA TOOL KIT 2 Aimed at music and video professionals. Includes the full version of Octamed 5.05. £25.…
AMINET BOX SET Quad CD pack. Aminet 1 to 4. £26.99.
AMINET 8 Latest version NEW. £14.99
LSD COMPENDIUM Games, demos, source code ect. £19.…
MEETING PEARLS 2 £9.99.
17 BIT 5TH DIMENSION NEW. £19.99.
SPECCY SENSATION 2 More Spectrum games. £16.99.
C64 SENSATION Compendiumof Commodore 64 games.£1…

Postage and Packing on CD ROMS
Add 75p to cover carriage and packing costs



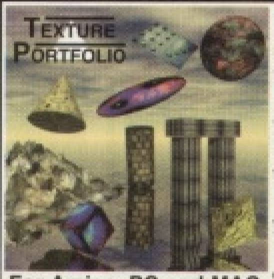
* Custom GUI for easy operation.
* Exclusive themed packs.
* Over 75 klondike cards.
* The complete Gathering 95 demos.
* Software from Dec 94 onwards only.
* Updated to OCTOBER 1995.

REVISED EDITION V1.5

Now updated to september 1995. Loads more software including The Active Software Disk Packs and sound samples. Enhanced interface with hot keys and search facility. Zoom V1 owners can upgrade for only £6.99 + P&P. Just return the CD with payment. PHONE FOR AVAILABILITY

ZOOM CDv1.5 ROM COSTS ONLY £19.99 + P&P.
Requires WB 2.0+ to run interface.

"All in all, some originality, but certainly a lot of effort have combined to make Zoom the best CD release of the month." STAR BUY - 92%. *AMIGA SHOPPER* sept 1995



For Amiga, PC and MAC 24 Bit Jpeg`s, TIFF'S & TARGA.

* Hundreds of megabytes of royalty free specially selected photographic textures and backgrounds for raytracing, colour DTP and video.
* Completely original images compiled over a 5 year period.
* Categorised and supplied with indexed colour texture booklet showing all images as thumbnails.
* Includes special tutorials for raytracing to show you how to get the best results from the textures.
* Similar other professional texture CD Roms can cost over £100.

TEXTURE PORTFOLIO PRICE £29.99 + P&P.
Formally listed as Phantasmagoria

ABSTRACT, VARIOUS METALS, STONE, WOOD, WATER, FIRE, CLOUDS, ANIMAL SKINS, AND MORE.....

GROUND ZERO
PUBLIC DOMAIN, LICENCEWARE, CD ROMS

HOW TO ORDER PD

• To order Public Domain software, simply send your name, address (WRITTEN CLEARLY) and your order details. Eg. Disks code numbers and title names. • Remember that prices are per disk and not per title. Take particular notice with multiple disk titles. • UK Postage and packing at 75p covers any order size. • For detailed programme descriptions on these and thousands of more PD titles, check out our catalogue disks.

ALL TITLES ARE COMPATIBLE WITH ALL AMIGA'S UNLESS STATED OTHERWISE.
Not WB 1.3 - Will not run on Workbench 1.3 A500's
AGA only - Will only run on AGA equiped Amiga's

We do not sell or condone hardcore material

PUBLIC DOMAIN PRICE LIST

PRICE PER PD DISK	£0.99
CATALOGUE DISK VOL.1	£0.50
CATALOGUE DISK VOL.2	£0.50
POSTAGE & PACKING	£0.75

Overseas orders. Use the above prices, then add 20% of that total, to cover the extra postage costs. Thank you.

PLEASE MAKE STERLING CHEQUES/POSTAL ORDERS PAYABLE TO
GROUND ZERO SOFTWARE

POST YOUR ORDERS TO:

GROUND ZERO SOFTWARE
(DEPT CU 6)
4 CHANDOS ROAD,
REDLAND,
BRISTOL. BS6 6PE.
ENGLAND.
TELEPHONE / FAX: 0117 9741462
(9am-6.00pm MON TO FRI)
Internet: zero@ground.demon.co.uk

GROUND ZERO
FREE P… OFFER
Buy 10 PD disks, get 1 free … PD disks of your choice. That… right 11 disks for the price of …
Offer only applies to … software at £1.00 per disk

PD Scene

Firm layers of beefy code, sprinkled with sound and music, graphics with a cheesy tang and games with a definitely fruity tomato flavour. This is the public domain.

Coin Mania
game

It's leaping action ahoy in this game where you've got to jump around the tiled area to collect coins within a set time limit. It's not all that simple though, as some of the tiles have a nasty habit of disappearing. You've got to be careful not to fall through gaps in the floor and plan your route carefully to avoid the obstacles and nasties which delay and try to kill you.

An enjoyable little game to play, but the difficulty level is set quite low so it doesn't really get the adrenaline going, mainly because it seems so slow. The two biggest criticisms I have are that there's hardly any sound to spice things up and the graphics aren't as polished as they might be. Not top of the range but good for a few hours of fun.

Available from: AXLE Productions, 2 Stile Road, Headington, Oxford, OX3 8AQ. Price: £5.00 (UK), £6.00 (Rest of the World) including P&P.



71 %

10 Amiga Doom Clones
AGA pack

It's no great secret that the one thing PCs can do which Amigas have trouble with is *Doom*. So for months now we've had attempts to replicate that game on our fave machine. This pack contains 10 disks, each of which houses a *Doom* clone or variant.

The first is *Fears*. There are three versions of this alone, all of which pretty much resemble each other, with improvements being made through the series. You can move freely around one or two levels, shooting oncoming foes and solving little puzzles.

A more gory version is the *Gloom* preview; the whole thing is unnervingly bloody, with the sound effects to match. The last in this type of vein, pardon the pun, is Team 17's *Alien Breed 3D* demo which is absolutely superb.

On a different tack is *Speed* in which the object is to race around the *Doom*-like maze, crouching and jumping through and over obstacles to complete a race course in the least time possible. This isn't all that easy to play as you bounce off objects and you seem to wobble about a lot. But it's exhilarating fun! To pad out the pack are four disks showing how good certain *Doom* clone routines are. Interesting as they may be, they're not particularly entertaining.

This is a fair pack to obtain if you're into this kind of game, or you want to shut up some idiot who believes Microsoft can save the world. Others should look elsewhere.

Available from: SAdENESS PD, 13 Russell Terrace, Mundesley, Norfolk, NR11 8LJ. Tel: 01263 722169. Price: £7.00 including P&P.





69 %

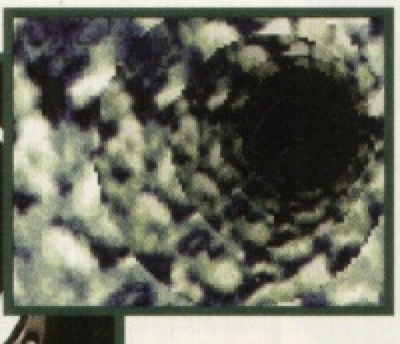
High Anxiety
AGA demo

If you're anxious to see lots of fancy graphics routines then look no further! A texture-mapped spinning landscape greets you, plus a head object and this quickly cuts into a tunnel which zooms up the screen at speed. Morphing Gouraud vector objects then appear, some of which are extremely complex (and hence slow), followed by enlarging, rotating and wibbling graphics. This is just a taster of what goes on as the music picks up, slows down and generally fits the action well. Abyss have always been handy with their graphics (see their slideshow elsewhere in this review) but this time they've made them just plain sexy.



Available from: Freestyle PD, 108 Woodside Way, Short Heath, Willenhall, West Midlands, WV12 5NH. Phone: 01922 710985. HD required. Price: £2.00 plus 50p P&P.





83 %

Wooglies
game

The objective here is to trap the wooglies in the squares which you can move around the screen. However, they move fairly quickly and can squeeze out of pretty tight spots, so you've got to box them in. The concept is simple enough, as all good games are, but in practice it's totally frustrating. You think you've one of the things trapped and it squeezes out! It's a really well put together production though, with some good music and graphics, and the gameplay is set at about the right level. Anyone can play this game and enjoy it or, indeed, get angry at it.

Available from: Freestyle PD, 108 Woodside Way, Short Heath, Willenhall, West Midlands WV12 5NH. Phone: 01922 710985. Price: £1.00 plus 50p P&P.



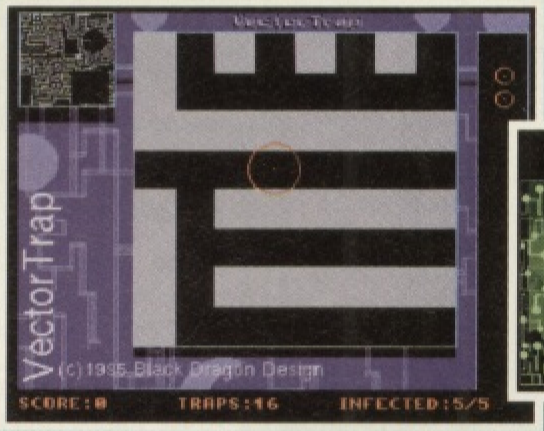
89 %

Funhouse 3
games

Buying the average PD disk which is usually only 20% full is a complete annoyance, which is why this disk is such good value because it's packed. There are three games on here, the first of which is *Vectortraps*. You must guide your bug-buster around a maze of circuits to set traps which kill off the virii that have infected your system. You can transport to other parts of the maze and the action gets really frantic at times, especially on AGA machines as AMOS speeds up! It's immense fun! The second game is *Greeniz* and here you have to shoot the bogey-like critters before they reach the left hand side of the screen. It's unplayable on AGA machines because it's way too fast but any ECS system should be fine.

Next up is *Boing*, in which you play the part of a bouncy thing which, you have to keep powering up otherwise it will lose its bounce! So, being careful not to lose your spring, you've got to collect the stars that litter each playing area and then make your escape.

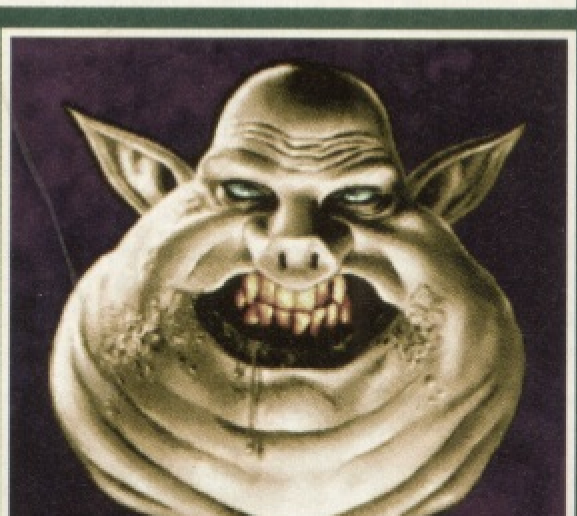
Finally, as a bonus, you get *Cos*, a funky little utility which makes pictures into strange and wonderful patterns; worth a look, if only for a bit of a giggle. A good disk; highly recommended.





Available from: Saddletramps PD, 1 Lower Mill Close, Goldthorpe, Rotherham, South Yorkshire, S63 9BY. Tel: 01709 888127. Disk No: G528. Price: 95p including P&P.

84 %





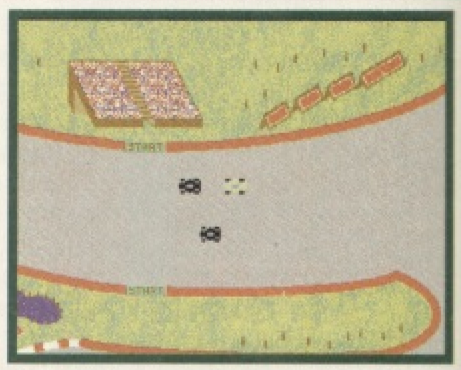
Pixel Storm
AGA slideshow

Well-produced computer stills are pretty rare things. So, to find a collection such as this is a pleasant surprise. Everything on this disk is good. Most of the pictures seem to come from old Abyss demos and include such things as Michael Jackson, fantasy pig-humans, lizards, women and, most impressively, Al Bundy! Every single picture is simply brilliant and you'd be doing yourself a huge disservice if you miss this one out. Rush off your postal orders now to grab yourself a copy of this now.

Available from: Freestyle PD, 108 Woodside Way, Short Heath, Willenhall, West Midlands, WV12 5NH. Phone: 01922 710985. Price: 1.00 plus 50p P&P.

85 %

Skid Racer
game



There are certain games which some people love and other people either despise or have trouble fathoming their appeal. *Skid Racer* is one such game. Tony Horgan absolutely adores this. Personally, however, I think it's about as sexy as Ernie Wise's underpants.

Unsurprisingly, the idea is to race against two computer-controlled opponents around various circuits. It's as easy as that. The game simply isn't polished enough to be all that playable though.

For example, part of the second course is lined with old cars (some of which are more appealing than the one you're forced to control, but enough of my bitchiness) and, if you hit them slightly wrong, you get stuck in between and that's the rest of the game up the spout.

I'm not going to rubbish *Skid Racers* any more, because it is enjoyable, in a crap kind of way, but do be warned: unlike good PD, with *Skid Racer* you definitely get what you pay for.

Available from: Software 2000, 9 Wills Street, Lozells, Birmingham, B19 1PP. Tel: 0374 678068. Price: 99p plus 70p P&P.

42 %



Aerial
AGA demo

A strange affair, this demo. It includes a *Doom* section, with a man/alien bounding around in a strange, psychedelic effect with the room spinning and blurring. More madness follows with 'bio plasma', where shapes appear suddenly and then disappear through clouds of colour. The nuttiness continues as a creature (?) holding a violin becomes covered with strange images whilst twisting and spinning in the air. The soundtrack is also bizarre and alternates between being awful and quite good.

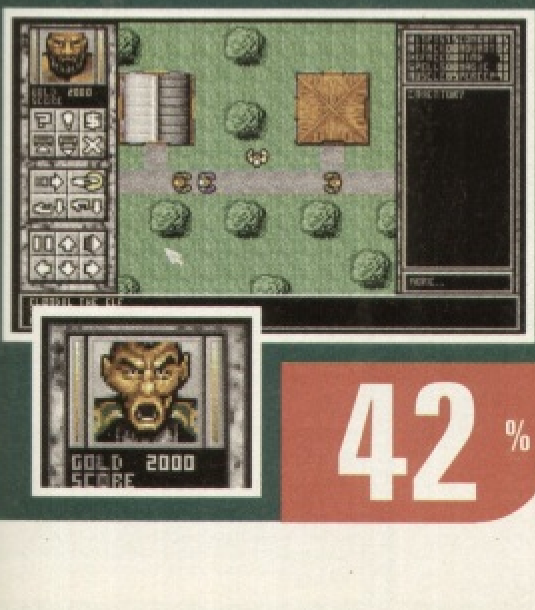
Available from: Freestyle PD, 108 Woodside Way, Short Heath, Willenhall, West Midlands WV12 5NH. Tel: 01922 710985. Price: £1.00 plus 50p P&P.

79%

Hilt
game

All the usual RPG stuff is here including spells, weapons, monster slaying. Most of the game takes place inside a dungeon that contains 50 levels, so it's up to you, with your team of four characters, to explore all these levels, find treasure and slay any baddies that you come across. Sadly, Hilt doesn't quite reach the standards of other RPG PD games around. A poor effort.

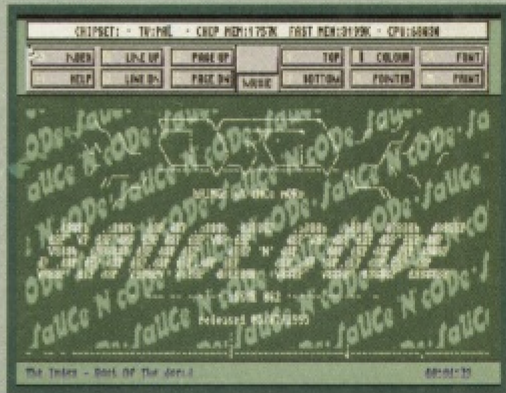
Available from: Saddletramps PD, 1 Lower Mill Close, Goldthorpe, Rotherham, South Yorkshire, S63 9BY. Tel: 01709 888127. Disk No: FDG-005. Price: £2.95 including P&P.



42%

Disk Magazines

Sauce 'N' Code #2



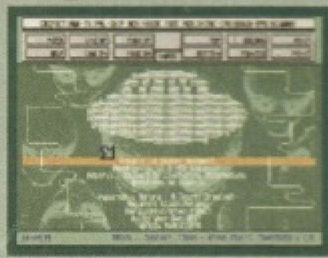
This disk contains anything any AMOS coder would want, including source, explanations and executables. Topics covered include sound (VU bars, specifically), word wrap routines, a font bank maker, ways to do rotating circles, fading pictures, plasma, and intuition and system operations. There are also a few AMOS extensions.

It's all presented in a disk magazine format, so you can view all the text required, read the accompanying instructions, then extract the actual code for implementation into your own AMOS productions. Very well done.

Available from: Freestyle PD, 108 Woodside Way, Short Heath, Willenhall, West Midlands WV12 5NH. Tel: 01922 710985. Price: £1.00 plus 50p P&P.

80%

Out of Space #1



Yet another NFA production, this is the first in a series of compilations of articles all concerned with the supernatural, aliens and all that kind of spooky stuff. There's a huge range of material, including some fascinating writing about alleged US government cover-ups of UFO sightings, landings and investigations, not to mention the inevitable conspiracy theories which surround this subject. If you're in any way inclined to find out more about what may be going on 'out there' then this is a great place to start.

Available from: Saddletramps PD, 1 Lower Mill Close, Goldthorpe, Rotherham, South Yorkshire S63 9BY. Tel: 01709 888127. Disk No: MC172. Price: 95p including P&P.

85%

Movie Zone #2



Philip Swales isn't happy with us. He was upset with our review of *Movie Zone #1* and so has challenged us to criticise this, the next issue. All right then you're on ...

It's a damn fine read actually. If you're a bit of a movie buff there's plenty to get your teeth into here including a profile Quentin Tarantinos' films, pictures from various productions (including a bunch from the ubiquitous Reservoir Dogs), movie news, quizzes, and opinion on the state of the business. There are also reviews of lots of flicks too. Unfortunately, some of these are a little dated now but that's the nature of these semi-periodic productions. The digitised pictures are also of fairly low quality, which is a shame, but understandable.

If issue two is anything to judge by I hope to see more. There needs to be more substance put into it, but that will doubtless arrive as Phil receives more third party contributions – so get to it, people!

Available from: Philip C Swales, 28 Campbell Road, Hartlepool, Cleveland TS25 3BB. Price: £2.20 including P&P.

81%

The Ultimate Manager
game

If you don't already have a shelf full of football management games, you may like to try your hand at this. The PD version reviewed here allows you to play through two full seasons of Premier League and European action. The excitement of the matchday is represented by a list of fixtures and a speeded up clock, with the scores for teams updating as goals are scored. The game is text based with a few small graphic touches here and there to brighten things up. The registered version offers unlimited game time. One for management fanatics.

Available from: Network PD, 22 Walden Road, Sheffield S2 3PJ. Tel: 0114 281 9103. Disk no. G499. Price: 75p plus 50p P+P.

78%

ACTIVE SOFTWARE

Dept CU10, P.O. Box 151, Darlington, County Durham, DL3 8YT

01325 352260

sales@active2.demon.co.uk

HOW TO ORDER

Public Domain Prices		Key	
Each Public Domain Disk	99p	[WB2+]	Workbench 2+ Only
		[WB3+]	Workbench 3+ Only
		[2D]	Number of Disks
Postage On All Orders	75p	[1MB]	Minimum Memory
Residents outside UK but in E.U. add 10% to TOTAL		[AGA]	For AGA Machines
Residents in Rest of World add 15% to TOTAL		[030]	Minimum Processor
Catalogue Disk	50p	[HD]	Hard Drive Needed
Contains full listing, F1 Licenceware, CD's etc			

BUY 10 PD DISKS GET 1 FREE!!

Make all Cheques and Postal Orders Payable to ACTIVE SOFTWARE

NEW TITLES

LATEST UTILITIES

U672 ORGANISER BITS a collection of supplements for Digita's Organiser. [needs Digita Organiser]
U674 ZXAM SPECTRUM EMULATOR v2B NEW Spectrum Emulator. You need an AGA Amiga or 020+ processor.
U677 EASY CALC v2B superb spreadsheet program [WB2+]
U679 AREXX GUIDE v2A want to learn Arexx? [WB2+]
U680 MOSAIC v2B latest version of the Web browser. [WB2+] [TCP 4]
U682 VARK'S CLI TOOLS VOL 8 50 latest CLI tools - get this!
U683 IMAGE STUDIO v2.2 latest version [WB2+] [2D] [HD] [020+]
U684 ESSENTIAL AMINET 8 new and decent uploads here [WB2+]
U686 VIRUS WORKSHOP v6.5 latest virus killer [WB2+]
U687 VIRUS CHECKER v7.18 another virus killer [WB2+]
U688 BASIC ELECTRONICS v1.5 want to learn the basics of electronics? Here is a disk to show you how. [2 Disks]
U689 TURBO CAT PRO v1.1F much updated version of the disk cataloger. Just put in a disk, read the files and print/save the list. [WB2+]
U691 VMM v3.2 you can now use virtual memory [020+] [WB2+] [HD]
U692 F1-GP EDITOR v3.01 updated '96 version [WB2+]
U693 A SPELL v5.8 adds a spell checker to most text editors [WB2+]
U696 NAVIGATOR v2 This is SUPERB! Allows you to fly around, in realtime, a 3D arena. From architechtural to musical instruments. NTitler is a realtime 3D titling system - allows virtual reality modes. 3D text and model effects could be used to overlay onto video or for presentation work. NWiper is a presentation system that allows uses texture mapping to make 3 Dimensional IFF picture wipes. Get this now! [WB2+] [020+] [HD] [2 Disks]
U699 MESSY SID v3 allows you to read and write to PC 720K disks without CrossDOS or WB3! Also transfer files each way. [WB2+]
U700 TEXT ENGINE v5 latest version of the superb text editor [WB2+]
U701 DATATYPES DISK need the PNG, Font, REKO datatype!? These are just three out of many WB3+ datatypes for Workbench.
U702 SHAPE SHIFTER v3.2 is the much-raved latest version of the superb Apple Mac emulator. You need MAC ROM's and System 7.5 to use this program. [020+][WB 2.1+][4 MB+][HD Recommended]
U703 PLAYER v2.1 play CD-Rom audio and standard sounds from DOpus 5.11. Configure as you wish. [DOPUS 5.11]
U704 MAGIC PAINT BOX DEMO of the F1 title [WB2+]
U705 CHEATS v2.1 000's of cheats here [2 Disks] [WB2+]
U706 VARK CLI TOOLS 9 Loads of great CLI tools.
U708 POWER TITLER DEMO superb video titler - rivals Scala
U709 DXE DEMO render and play animations at 50fps! [AGA]
U710 SONIC DRUM KIT v2.1 FULL version of the drum sequencer
U711 GUI AMOS v1.9 create GUI's for AMOS Pro [WB2+]
U712 PROTECTOR v1.1 protect your hard drive [WB2+]
U713 NUCLEUS PRO DEMO wow! A demo of a forthcoming menu/front-end and interface creator. The best ever. Get this! [AGA]
U714 FINANCIAL ACCOUNTS v1.2 accounts program [WB2+]

LATEST GAMES

GM245 THE PYRAMID GAME A puzzle platform game. [2 Disks]
GM247 KLONDIKE III This is a special version of Klondike for disk users only! [6 Disks] [3MB] [SEE GM93 for Hard Drive Version!]
GM248 DELUXE PACMAN AGA Wow a pacman game by the author of Deluxe Galaga.
GM258 BATTLESHIPS A very playable game by the Assassins.
GM263 CODENAME NANO superb thrust game. Get it!
GM264 SCORTCHED TANKS v1.85 multi-player tank game
GM266 BLITZ BOMBERS demo of the multi-player bombers game
GM268 EXCELL. CARD GAMES III A few card games here. [AGA]
GM269 MASTER BLASTER II decent bomb game
GM271 SUPER COMBAT 3 this is a two player version of cannon fodder. Superb graphics - Object to kill other player. [2 Disks]
GM273 REBELLION an asteroids clone with a difference
GM275 MARATHON 2 player action game
GM276 THE DEVILS ABODE written by the author of War of the Worlds. This is a 3D horror adventure. Decent.
GM277 SPEED - DOOMER 2 version 2 of the Doom clone. More graphics, finer detail (walls etc) and much faster scrolling. [AGA]
GM278 DINX erm.. blatent Super Stardust tunnel game! [AGA][2 D]
GM279 ALIEN BASH II very similar to Chaos Engine....very good.
GM280 SKID RACER car racing game, not bad. [WB2+]
GM281 DUCK DODGERS great platform game with ducks [WB2+]
GM282 TRAP 'EM good platform [trap aliens] game [WB2+]
GM283 ZOMBIES Alien Breed style shoot-em-up [AGA]
GM284 DARK ANGEL Flashback style, platform in a power complex
GM285 BLACK DAWN V another version of the adventure [WB2+]
GM286 GALLEONS 2 player 3D shoot-em-up [WB2+]
GM287 ENGINES 2 player thrust game [WB2+]
GM288 HELSINKI FORCE 2 player good karate game [3 Disks]
GM289 CARDZ load and use AGA Klondike cards on ECS Amiga!
GM292 POWEROIDS good, rendered asteroids clone [020+]
GM296 INNER DEMONS spooky adventure [4 Disks]
GM299 SUPER SKIDDY THINGS 3 superb racing program for one or two players. Direct your rubber suited penguins around the ice!
GM300 GRAVITY FORCE II EDITOR edit gravity force 2 [WB2+]
GM301 DELUXE GALAGA v2.6C A super shoot-em-up with the usual additions such as the power-ups, weapons etc. AGA version. [AGA]
GM302 AUTOMOBILES v1.5 superb racing game for the Amiga. Loads of different tracks with the ability to have upto 4 players. [2 Disks]
GM303 EMOTIONAL CONFLICT 3D adventure
GM304 JIGSAW v2.2 jigsaw/strategy game [AGA]
GM305 PRO FOOTBALL v1.1 footie prediction [WB2+][2 Disks]
GM306 BOOMIN 'ECK dynablaster clone
GM309 RED DWARF Relics adventure clone
GM310 COALA DEMO demo of the new Coala helicopter game

HOT NEW DEMOS

D203 MYSTIC "IMPOSSIBLE IMPOSSIBILITY" Winner of the Primavera party 95. Get this! [2 Disks] [4MB+] [AGA]
D213 PARALLEX/CCN "DEEP" Winner of the Gathering 96 [2 Disks] [HD] [4MB+] [AGA]
D216 FACULTY "MAN ON MOON" Very good demo from Faculty - needs loads of Mem! [4 Disks] [HD] [6MB+] [AGA]
D217 ABYSS "DRUGSTORE" [2 Disks]
D219 SANITY "ROOTS II" wow! A very decent demo release [020+]
D220 FREEZERS "DREAM WALKER" [2 Disks]
D221 FREEZERS "LECH" AGA won the Ram Jam charts "best demo in 1995". Loads of the same routines - tunnels etc.
D222 ARTWORK "GREENDAY" Won a recent party in Germany - very decent all round. [AGA] [HD] [3 Disks]

Latest demos continued........

D223 IMPACT DK "MELCHOIR" [HD] [6MB+]
D226 SUPREME "CHAOS" [HD]
D227 SCOOPEX "ALIEN" Scoopex are BACK in the '90s with a good demo release! [AGA]
D228 STELLAR "HUMAN" Stellar release "Human excrement in ....", lets say no more!
D230 MELON "PLANET M" another classic release from the guys at melon. Released at a party in the Netherlands recently.
D231 AXIS "PICTURE BOOK" must be one of the best demo releases for many months, comprehensive. [AGA] [4 Disks]
D234 INTERACTIVE "ABSTRACT" another release from the party in the Netherlands. Excellent routines. [HD] [4 MB]
D235 MELON DESIGN "BAYGON" superb cartooney style demo!
D236 EMBASSY "THRILLED" Assembly '95 release [HD][2 Disks]
D237 SILENTS "FRUIT MACHINE" superb Assembly '95 demo!
D238 VANITY "AMAZED" stunning new demo from Vanity, all the usual effects (but more of them!). Get this! [AGA] [3 Disks]
D239 OXYGENE "CONTROL" from the G.A.S.P. party '96. [2 D]
D240 PARALLEX "ZIF" G.A.S.P. winner. Good. [2 D] [AGA] [HD]
D241 ASSEMBLY '96 INTROS collection of intros
D241 AXIS "TIME & EMOTION" music disk from Axis [WB2+]
D242 HOODLUM "WATER WHISPER" decent effects [AGA]
D243 MYSTIC "FEAR" Intel Outside demo. Good. [AGA] [2 Disks]
D246 TBL "QUE?" new - from Remedy '96 [2 Disks] [AGA] [HD] [4MB]
D247 RAZOR 1911 "FALKORV" wow! [4 Disks] [AGA] [HD] [4MB]
D248 SCOOPEX "ISO" they're back! Get it now! [2 Disks] [AGA]

MISCELLANEOUS

GRAPEVINE 21 superb disk magazine from LSD [2 Disks]
GRAPEVINE 22 call for date (ever going to be released?!?)
DEADLOCK 9 superb disk magazine by Anathema/Narcosis
NFA WORD 5 disk magazine from NFA [AGA]
NFA WORD 6 disk magazine from NFA [AGA]
NFA WORD 7 OUT NOW!! New disk magazine from NFA [2 Disks]
NFA BODYSHOP 8 [AGA] [3 Disks]
SHERILYN FENN SLIDESHOW [AGA]
PHEOBE CATES SLIDESHOW [AGA]
ERIKA ELENAIK SLIDESHOW [AGA]
NIKI TAYLOR SLIDESHOW [2 D] [AGA]
TINY TOONS CLIPART superb hand drawn clipart
NFA BIG GIRLS II [AGA] [3 Disks]
X-FILES GUIDE guide to the TV Show
GCSE MATHS EXAM PAPERS GCSE help
TRAVEL GUIDE guide for avid world travellers [2 Disks]
UFO : FINDING THE TRUTH [2 Disks]
UFO : FINDING THE TRUTH 3 paranormal and UFO stuff
ALIENS CONFIDENTIAL 2 UFO and paranormal guide
WEATHER GUIDE [3 Disks]
LUCIFERS "UNHOLY INNOCENCE" [2 Disks]
LUCIFERS "WICKED GRIMOIRE" bizarre cult stuff
LUCIFERS "BOOK OF SHADES" [2 Disks]
WHITBY AMOS CLUB DISK MAG - SPECIAL EDITION
ED060 KIDS DISK 7 another under 5's program
SCOOPEX "ARTCORE" Doom-like gallery slideshow! [AGA]
NFA SOURCE 'N CODE 2 AMOS source 'disk' magazine
TITANIC II interactive database on the Titanic disaster [2 Disks]
HISTORY OF THE WORLD CUP all explained [3 Disks]

MAIN LIBRARY

MORE UTILITIES

U076 WB3 HD INSTALL DISK Prep, format and install WB to your Hard Drive. [WB3]
U230 TOOLS DAEMON V2.1 Adds tools to your WB Menu. [WB2+]
U239 RE-ORG v3.11 Re-organise your disks/hard disk. [WB2+]
U302 VIEWTEK v2.01 Viewtek can show many picture formats including JPEG and the AGA screen modes. [WB2+]
U317 ACTION REPLAY PRO Action Replay for the A1200 [AGA]
U318 VIDEOTRACKER DATA Loads of data files for use within Videotracker. [4 D]
U349 LIBRARIES + DATATYPES Do you ever need a library? Here's a collection!
U352 MAGIC WB v1.2P The lastest version of the 8-colour icon replacer. Use this with our Extras disks for superb results! [WB2+]
U359 TELETEXT v1.20 Create a teletext receiver [WB2+]
U376 POWERCACHE v37.115 Speed up your Hard Drive access with this cache program. Versions for 00, 020, 030 and 040. [WB2+]
U379 DESKTOP MAGIC v2.0 This program allows you to assign sounds to Workbench functions like mouse clicking etc. [WB2+]
U408 DISK SALV v2.31 This is the best disk/file repairer in the Public Domain. Undelete/salvage files and repair disks.
U416 AMIGA DOS GUIDE v1 Learn Amiga DOS with this program.
U426 EPU STAKKER v1.70 double your hard drive space! [WB2+]
U434 EDWORD PRO v5 Edword Pro is the most comprehensive and easy to use word processor on the PD market. [WB2+]
U440 SNOOPDOS v3 Use Snoopdos to monitor program activity. An ideal tool to find out what libraries are needed [WB2+]
U453 MAIN ACTOR v1.55 An excellent module animation player. Buy it. [WB2+]
U454 VIDEOTRACKER 2 AGA The AGA demomaker.
U467 T. U. D. E. v1.0D The Ultimate Degrader and Enchancer can be used to degrade A1200/4000's to use WB1.3, remove fast mem etc.
U475 RELOKICK v1.4A FINAL Relokick is the most popular degrader around. Forget the fake v1.41, this is the real thing.
U479 MSDOS FOR AMIGADOS Allows you to use the MS DOS commands on your Amiga. Also use the MSDOS star "." [WB2+]
U480 HD GAMES INSTALLER II Install Jungle Strike, Aladdin, Mortal Kombat II, Ruff 'n Tumble and about 12 more!
U487 BIRTHDATE HISTORY v2.21 Check events that happened on your birthday!
U499 M.U.I. V2.3 Create GUInterfaces. Needed for Mosaic. [WB2+]
U502 GBLANKER V3.6 020 An optimised version for 020/30/40/60 CPU's. [WB3+]
U514 DISK STICK v1.1 A disk labelling program.
U521 ADDRESS PRINT v4 Store addresses and print them to labels.
U523 DOPUS MAGIC COMPANIAN Loads of buttons, AREXX scripts for Dopus. [WB2+]
U632 ALL NEW FINAL WRAPPER v3 Final Wrapper was the utility that hit Final Writer users last year. This is the very latest version.
U633 CAR DATA ANALYST Monitor and test your car's performance. First for the Amiga.

More utilities continued........

U543 TOOLS MANAGER Allows you to have a "dock" of icons on Wbench. [2 Disks][WB2+]
U553 GFX CONVERTOR v1.7 Decent graphics convertor. Loads about 10 different file formats and saves GIF, ILBM, PCX, POSTSCRIPT, JPEG. [WB2+]
U554 SOUND BOX v1.97 Coverts sound samples from IFF, RAW, WAV, MAESTRO, VOC, AIFF and MAUD to any of the supported formats. ie. load in as IFF save as WAV or load as WAV andsave as IFF. [WB2+]
U560 DELITRACKER II v2.1 A great module player. [WB2+] [2 D]
U564 EXOTIC RIPPER v3.1 module and sample ripper. [WB2+]
U568 LOTTERY WINNER V2.0 good lottery predictor. [WB2+]
U576 BLITZ BLANKER V2.5 Blitz Blanker is another tool that requires the services of MUI (U499). Modularised screen blanker. [WB2+]
U588 PC-TASK V3.10 All new PC Task v3. Demo version.
U589 MP LOTTERY V2 Another good lottery program.
U594 AMIGA FAX V1.42 Send/receive faxes on your Amiga. [WB2+]
U606 ESSENTIAL AMINET 5 recent Aminet uploads. [WB2+]
U607 ESSENTIAL AMINET 4 more recent Aminet uploads. [WB2+]
U617 HD GAMES INSTALL 3 Over 20 games such as Super Skidmarks, Sensible World of Soccer to be installed. [WB2+]
U618 TEXTURE STUDIO v1.02 For Imagine users - adapt those textures. [WB2+]
U619 BALLS! Superb and powerful Lottery program. [AGA]
U623 AMIGA CD-ROM GUIDE Guide to loads of Amiga CDs - Amigaguide doc. [WB2+]
U628 ICONIAN v2.91 Superb AGA icon editor. [AGA]
U634 FRODO v1.5 The very best C64 emulator for the Amiga. Relive the old games with this. [WB2+] [020+]
U635 DOPUS UTILS 2 Loads of utils for Directory Opus 4/5. More scripts, Arexx routines etc etc [WB2+] [Dopus]
U636 TYPING DEMON Learn how to type very quickly !
U638 ESSENTIAL AMINET 7 Aminet utilities. [WB2+]
U648 HD GAMES INSTALLER 4 loads more installers for your favourite games. Obsession Pinball, Powerdrive etc [WB2+]
U649 enLOCK Lock program for a hard drive [WB2+]
U650 BOOKIE BEATER Beat the bookie at his own game! [WB2+]
U653 SKIDMARKS 2 CARS 4 cars for the AGA Skidmarks [2 D]
U656 SUPER DMS v2 A powerful interface for DMS [WB2+]
U658 DOPUS v5>>>>v5.11 UPGRADE Upgrade DOpus [WB2+]
U670 TERM v4.5 00 Term is the most comprehensive communications package in PD, rivals any commercial release. [3D]
U671 TERM v4.5 030 version for 030 processors [3D]

MORE GAMES

GM58 BLACK DAWN II a popular 3D adventure
GM67 SCRABBLE the classic board game
GM78 STARWOIDS thrust and oids mixed [1MB] [2 DISKS]
GM93 KLONDIKE III for hard drive users [HD] [4MB+] [WB2+]
GM97 TOP HAT WILLY an Amiga "Jet Set Willy" rip-off. Addictive!
GM105 DYNAMITE WARRIORS 2 another bomb clone
GM118 CHANEQUES yes, two please!! A Lemmings type game. Direct your little men (with different skills) to the end. [2 Disks]
GM123 MEGABLOCK V2 the best Tetris games on the Amiga.
GM125 KELLOGS LAND WOW! The best PD platformer ever! [AGA]
GM126 SUPER MEGA FRUITS a good Fruit Machine game.
GM127 ZAXXON superb! The C64 classic now comes to the Amiga!
GM132 SAMURAI SHOWDOWN this is an amusing Street Fighter clone. Good! [AGA]
GM136 CYBERMAN wow! A 3D pacman clone. Very decent indeed.
GM138 INTERNAL COMBUSTION great skidmarks-esque multi-player racing game
GM141 MADHOUSE a graphical adventure game [2 DISKS]
GM147 DELUXE GALAGA v2.61 must be the best PD shoot-em-up ever made!
GM150 ROCKETZ V2.25 superb AGA only 2-player thrust/shoot-em-up game. One of the most addictive multi-player games ever! [AGA]
GM164 CYBERGAMES excellent! A street-fighter clone with gore! This is probably the best beat-em-up games in the Public Domain. [2D]
GM169 MASH Similar to Team 17s new Wormz game. A subtle cross between Lemmings and Cannon Fodder.
GM174 TANKS! excellent tank-war sim
GM176 ALIEN GENOCIDE erm. A Operation Wolf clone? [2 DISKS]
GM178 DOOMER a good Doom clone for the Amiga [AGA] [HD]
GM180 CARNAGE blood, guts and gore and more!
GM183 PSSST AGA remember Psst on the Speccy? Well this is the Amiga version!
GM184 SCREECH another car racing game
GM185 BOARD GAMES Cluedo is the main game here
GM187 FEARS 2 AGA wow! Much better. This is a demo of the finished commercial version! More aliens.
GM188 CARD GAMES DELUXE A program that allows you load and use your Klondike cards! Blackjack and another on here [3 Disks] [2MB]
GM191 CHILD ADVENTURE AGA not as bad as it sounds! A graphical adventure to solve the mystery to clear your name [4 Disks]
GM194 BATTLE DUEL AGA battle duel is a SUPERB multi-player artillery type game. [AGA]
GM196 BATTLE DUEL ECS ECS version of the above [WB2+]
GM226 GLOOM A demo version of the forthcoming Doom clone. [AGA]
GM227 WAR OF THE WORLDS 4 A virtual reality program! [AGA]
GM238 LAST LAP v1 Excellent racing game for one or two players.
GM239 ULTIMATE STAR TREK great strategy game [2 Disks]
GM242 PSYCHUEL Alien Breed style shoot em up [WB2+]

MAGIC WB EXTRAS

These contain icons, backdrops, drawers, tools manager brushes and docks and much much more!

Magic WB Extras volume 1	[2 Disks]
Magic WB Extras volume 2	[2 Disks]
Magic WB Extras volume 3	[2 Disks]
Magic WB Extras volume 4	[2 Disks]
Magic WB Extras volume 5	[2 Disks]
Magic WB Extras volume 6	[2 Disks]
Magic WB Extras volume 7	[2 Disks]
Magic WB Extras volume 8	[2 Disks]
Magic WB Extras volume 9	[2 Disks]
Magic WB Extras volume 10	[2 Disks]
Magic WB Extras volume 11	[2 Disks]
Magic WB Extras volume 12	[2 Disks]
Magic WB Extras volume 13	[2 Disks]

volume 13 contains new 16 colour icons for Magic WB 2!

Buy all 13 volumes for £23.99 or each volume at £1.98

We stock 1000's of other disks such as Fred Fish, Assassins etc. Call us for titles you don't see listed!

We welcome submissions from PD coders from all over the globe - utilities, tools, games, Magic WB stuff etc.

LATEST CARDS

KL099 Premier League '96 Cards	KL136 Modern Life Cards
KL100 Females Cards	KL137 Time Cop Cards
KL103 Dreams Cards	KL138 Speccy 1 Cards
KL104 Dreams II Cards	KL139 Speccy 2 Cards
KL105 VT Chicks Cards 18+	KL140 Jap Anim Cards
KL106 Erika Eleniak Cards	KL141 Toonies Cards
KL107 Wild Life Cards	KL142 Bikini Babes 1 Cards
KL108 Album Covers Cards	KL143 Manga Maniax 2 Cards
KL109 Wild Life II Cards	KL144 Imagine Cards
KL110 Landscapes Cards	KL145 Bill Graham Cards
KL112 Pleasure Cards 18+	KL146 World Atlas Cards
KL113 Starkers Cards	KL147 Aviation Cards
KL114 Everton Winners Cards	KL148 Scenic Cards
KL115 NFA Mask Cards	KL149 Lion King 2 Cards
KL116 Marine Fish Cards	KL150 Wildlife 2 Cards
KL117 Birds 1 Cards	KL151 X-Files Cards
KL118 Birds 2 Cards	KL152 X-Files 2 Cards
KL119 Pinnocio Cards	KL153 Guardian Cards
KL120 True Lies Cards	KL154 Lion King II Cards
KL121 Airbrush Cards	KL155 M.G. Cars Cards
KL122 Harley Davidson Cards	KL155 Satan Cards
KL123 Boris Hajime 2 Cards	KL156 Buildings Cards
KL124 Star Wars Galaxy Cards	KL157 Big Cats Cards
KL125 Renders Cards	KL158 Killer Instinct Cards
KL126 Busen Cards 18+	KL159 The Sky Cards
KL127 Anna Nicole Smith Cards	KL160 Dogs Cards
KL128 Pulp Fiction Cards	KL161 Places Cards
KL129 Body Piercing Cards 18+	KL162 Dani & Kylie Cards
KL130 Real Beauties Cards	KL163 Deep Space 9 Cards
KL131 Raytracing Cards	KL164 Misc Art Cards
KL132 Flintstones the Movie Cards	KL165 Texture Cards
KL133 Gremlins Cards	KL166 Fish Cards
KL134 Stargate Cards	KL167 Batman 3 Cards
KL135 Arnie Cards	KL168 Voyager Cards

F1 LICENCEWARE

F1-14 TOTS TIME £3.99 ideal for younger users
F1-31 POWERBASE v3.3 £3.99 database
F1-33 POWER PLANNER £3.99 personal organiser
F1-41 GRAND PRIX MANAGER £3.99 run your own grand prix racing team. 1994 season. Recommended.
F1-50 GUIDE TO AMOS v2 £4.99 absolute beginners guide to Amos. Superb guide to help you understand!
F1-56 GIDDY 2 £3.99 Sequel to Giddy.
F1-62 JUNIOR ARTIST £3.99 Learn how to draw
F1-67 BUBBLE TRUBBLE £4.99
F1-68 AQUANAUTA £3.99 superb game. Get this!
F1-74 AMIGA ASSIST £3.99 beginners guide
F1-76 OBSTICKLE £3.99 superb platform romp!
F1-81 AQUAKON AGA £5.99 A little like Doom on water.
F1-83 IMAGE COMPRESSOR £3.99 for AMOS coders
F1-84 WORD PLUS+ PRO v1.3 £4.99 Want to know a word - game... Used to sell for £14.95!
F1-86 LEGIONS OF DAWN £4.99 Sci-Fi Dungeon Master type game. Choice of several characters and loads of weapons.
F1-87 LEGIONS OF DAWN £4.99 hard drive version
F1-102 AURIGA £4.99 very decent Strider clone

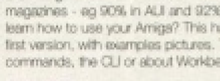
GRAC v1.10



Do you admire the commercial games such as Monkey Island and other adventure games and wish you could program your own version? With the Graphic Adventure Creature v1.10 you can easily make a point and click adventure game like Relics of Deldroneye. This version fixes bugs in v1 and comes with an extensive manual for your reference. Get this now!

£6.99

BLACKBOARD 4



Part of the new F1 GOLD range, this excellent image processor now comes with an extensive fully featured ring bound manual. The new version contains an online help routine, new file formats, new edit facilities, rotate pictures to any angle in 3D, new buffer routines with upto 99 pictures in RAM, new extensive preference links, thumbnail images, mash functions and new GUI frontend!

£8.99

INTRO TO DOS 2

WOW! Version 2 of the superb guide and introduction to Workbench and Amiga DOS. Version one obtained superb grades in a number of magazines - eg 90% in AUI and 92% in Amiga Shopper. Do you want to learn how to use your Amiga? This has twice as much information as the first version, with examples pictures. The easiest way to learn about DOS commands, the CLI or about Workbench.

£6.99

MAGIC PAINT BOX

Magic Paint Box is a superb new paint program for all ages. Mainly aimed at children under 8 years of age this is suitable for parents to easily demonstrate to their children its simplicity yet powerful features. Excellent front end, 84 different painting tools and the ability to print colour pictures direct from the program to any colour printer. Over 80 different paint functions! Comes with full reference manual.

£6.99

ZOOM

NEW - UPDATED VERSION

- **New Search Routine** — the multi-tasking search/find will seek file names or number
- **New 'Hot-Keys' Function** — just press 'S' for search or 'E' for extract, 'Help' for help!
- **New Separate List Buttons** — click a button for "Utilities" or "Demos" etc etc
- **Over 200 New Disks** — 200 new disks since Zoom 1 on 1st of June 1995
- **Restyled, Remastered** — new help and information guide, restyled artwork! Superb!

Do you want the latest PD CD-Rom that contains the latest PD to October 1995? Contains the greatest and latest PD from two superb PD libraries. The interface must be the most easy to use CD interface on any CD. Coded by the author of the great Deadlock disk magazine - just point, read about the disk and click to extract. Superb and very easy to use. The contents have also ... so you get all the latest PD until ... 1995 and loads more as listed ... Comes with an on-line help routine, ... search routine and hotkeys function. ... the latest or greatest PD software ... The CD contains well over 1100 disks, over 640MB's of data ... of public domain.

... value CD-Rom at only £19.99 **NEW!**

... to existing owners at £6.99 - call!

- Greatest & latest PD from October '94 to October '95 : Utils, games, demos, slideshows, education, disk mags and more! - *including most of this advert and loads of great PD software*
- NEW! 100 Klondike/Card Games Deluxe Cardsets
- Ground Zero's Themed Imagine Objects
- NEW! A great selection of Active Software Pro Packs
- NEW! All the Professional Sound Samples [50 Disks]
- Over 22MB+ of read-to-view/use Magic WB icons etc

F1 LICENCEWARE

volume one - F1-01 to F1-100

Sick of the run-of-the-mill old PD CD releases containg collections from pre-1995?!? This CD contains the complete collection of F1 Licenceware titles from F1-001 to F1-100. Over 100 titles or more than 200 disks! This CD is worth well over £500, if the disks were bought separately. There is something for everyone on the CD - games, utilities, tools, professional clipart and music, beginners guides, educational programs and much more. Some superb material is contained within this CD-Rom: Blackboard v3 (image manipulation), Ultimate Quiz 2 (general quiz), Word Plus Pro (originally valued at £15!), Fortress (strategy God game), Relics of Deldroneye (voted best PD game ever by Amiga Format), ERIC (voted second best PD game ever), Powerbase (databse program), GRAC (superb 'Monkey Island' style adventure game creator with 000's of copies sold on floppy), Introduction to WB (best selling F1 Title), Absolute Beginners Guide to AMOS, Junior Artist (kids paint package) or Tots Time (one of many kids educational programs). Use some of the professional music within your games, with no extra charges. What about the clipart for your DTP documents? AMOS programmers have a field day with this CD - AMOSzine, guide to AMOS and AMOS supplements. Something for everyone. With a very easy to use AmigaGuide© interface with 90% of the programs running straight from the CD. Remember that the programs are commercial, with copyright owned by F1 Licenceware. All programmers receive a royalty for every CD sold.

£32.99

COMMERCIAL SOFTWARE - NOT PD!

THE AMINET COLLECTION

Aminet 5	Out of Stock		£-------
Aminet 6	June 95		£11.99
Aminet 7	August 95		£13.99
Aminet 8	October 95	[Out Now]	£12.99
Aminet 9	December 95	[Pre-Order]	£11.99
Aminet 10	February 96	[Pre-Order]	£11.99
Aminet 11	April 96	[Pre-Order]	£11.99

AMINET SERIES BI-MONTHLY

SUBSCRIPTION SERVICE Every time an Aminet CD is released (usually bi-monthly) we will send it to you for £11.99 - pay by credit or debit card. Card debited on despatch.

AMINET COLLECTION VOL.1 £22.99

The Aminet Collection is a superb set of four CD's for any Amiga user. Contains Aminet 1-4, PD from '93 to December '94. 4 GIG's of data!

AMINET COLLECTION VOL.2 £24.99

Aminet Set 2 is due out late November so make sure you pre-order your copy now. You can pre-order with a credit or debit card (your card won't be debited until despatch) and you will receive the Aminet Set the day after it's UK release. Be one of the first in the queue - call us today!

AMINET SET 2 OUT LATE NOV

NFA AGA EXPERIENCE

NFA have been serving the Amiga 'scene' recently with an amazing amount of effort. Well known in the UK for their Bodyshop series, excellent AGA-only Word disk magazine and programs such as 'Balls', 'Boomin Eck' and 'enLock' present their first CD for the Amiga. Unlike other scene releases, this contains AGA PD from the last 3 years of which 90% will run straight from the CD! Contains the best WB3+ utilities and creative software (100MB), the greatest AGA games (100MB), high quality AGA slideshows (150MB), the most outstanding AGA demos (200MB), entertaining and informative disk magazines and the best of the rest including the licenced Amiga Reports and all the Amiga 'Doom' clones. NFA have also compiled loads of exclusive wares for the CD: slideshows, Klondike cards and more. All this and contained in superb exclusive raytraced iconified drawers set within a Magic Workbench environment makes the CD an absolute pleasure to use! This CD would make a superb Xmas present for any A1200 or A4000 user with a CD-Rom. TRADE details and prices available on request.

£19.99

BRAND NEW RELEASE

LSD VOLUME III

This CD contains hundreds of MB's of data from many sources, most of which have never before been included on a CD-Rom at the time of release! Contains a broad spectrum of software in both ready-to-run and archived formats: demos, diskmags, comms and computing, AGA and ECS anims and pictures, music modules, original clipart, source code, games (incl. ASI games from 221-250), utils, graphics, ready-to-run 'HD only' AGA demos, dozens of original WB backdrops and much more! AmigaGuide interface.

new release! £18.99

17BIT DIMENSION V

Following on from the highly successful Phase 4 CD-Rom this CD contains hundreds of megabytes of data from the 17Bit Software Amiga PD library. The 5th disc in this series contains only the very best, hand selected, software including demos, games, utilities, graphics, artwork, disk magazines, music modules and mucg more. The CD is centered around an AmigaGuide style interface which allows you to read about each disk and then un-dms the disks to floppy. You cannot un-dms to RAD: with this release.

new release! £18.99

SCI-FI SENSATIONS

SCI-FI Sensations is an exiting new CD-Rom containing over 1000MB's of science fiction images, music, animations, 3D objects for Imagine and Lightwave, sound FX, documents/text, themtunes, information and SCI-FI games. Categories include Babylon 5, Startrek (the Original, TNG, Deep Space Nine, Voyager and the films), Batman, Dr. Who, Thunderbirds, Robocop, Bladerunner, Aliens, 2001, Battlestar Galactica, TRON, ... and many other films. All the information is ready to run from the CD. ... and MAC.

new release! DOUBLE CD-ROM £18.99

TEXTURE PORTFOLIO

Phantasmagoria are a professional company, based in Bristol, providing textures and backgrounds for video, ray-tracing etc. This CD consists of 500+ 24Bit backgrounds and textures. It includes the very high quality 24Bit JPEG files for video, graphics and multimedia work, Targa's for PC raytracing and GIF for video titling applications. No wasted space on this CD-Rom - extensive tutorials. This CD comes with a full colour multi-page reference booklet for every single texture. A superb and complete collection for Pro's and Amateurs.

new release! £29.99

THE LIGHT ROM COLLECTION

VOLUME 3

Volume 3 contains 3 CD's containing over 4500 Lightwave objects, a showcase directory from artists across the globe, 700 textures, 3D landscapes, 1000 DEMs for Vista Pro etc, a collection of objects for Imagine, 3D Studio and Sculpt 3D. This CD is due for release in early November. A set of 3 CD's for under £50! Pre-order now!

PRE-ORDER FOR £39.99

VOLUME 1 ... **VOLUME 2** **£34.99**

... 3D objects, many exam- ... image sequences, scene ... attributes, bump maps and ... Light Rom volume 2 contains ... Lightwave and Toaster material ... 300MB of data that didn't ... vol 1. A superb collection for ...

LIGHT WORKS

A superb compilation brought to you by Tobias J. Richter, reknown for his amazing spaceships of famous science fiction films. The objects are complex, highly detailed and seem very real due to the superb surface texture techniques used. Ideal for both experts and beginners.

£29.99

FRED FISH

... has been serving the Amiga market ... in conjunction with his excellent disk ... The Fresh Fish (double CD) ... continue the trend. The Gold Fish CDs ... collection of the best from the Fresh ... CDs. The best on the market! Fresh ... was released in October 1995.

SUBSCRIPTION SERVICE Every time an Fred Fish CD is released (usually 6/8 months) we will send it to you for £17.99 - pay by credit or debit card. Card debited on despatch.

SUBSCRIPTION SERVICE Subscribe to Gold Fish 3 for £22.99 (Xmas 95 release?) - pay by credit or debit card. Card debited on despatch.

ALL CDs £19.99

ADULT SENSATIONS 2

This CD is for adults only. New material such as new images, sounds, games, mods etc. If this material offends you in any way please refrain from purchasing the CD. Proof of age (18+ only) needed when buying this CD. No proof = no CD. We do not condone or supply hard core material.

new!! **£18.99**

3D ARENA

A superb 3D CD that contains many objects for Imagine, Lightwave and Real 3D for the Amiga and PC computers. One exclusive aspect for this CD is the 24Bit Club's objects/images for Lightwave. You'll only find them on here! Also attribute files, tutorials, utilities.

£19.99

MULTIMEDIA TOOLKIT II

... clipart, fonts, samples, modules and midi files. Many ... and utilities to improve your multimedia presentations ... items run straight from the CD. Octamed 5.04, the ... is included (with Aura support), support files from ... Octamed experts. Over 50MBs of Midicraft midi files, ... and modules (Midicraft are professional musicians ... with the Amiga to create their music). 200 MBs of ... and Lightwave objects. If you are a Multimedia fan then ... not miss release volume 2.

£22.99

AMIGA EXPERIENCE

Contains demo and full versions of Amiga software. Includes full version of Scala v1.13, Imagine v2, Vista Pro v1, The Edge v1.721, X-Copy, Clarissa v1.1 and demo versions including Image FX 2, Interplay, Turbo Calc v3, InfoNEXUS v2.5. All these are ready to run from the CD-Rom.

new!! **£24.99**

MEGA GAMES CDs

ASSASSINS 1 **GAMERS DELIGHT** **POWER GAMES**

... Bundle containing 3 superb CD's. The Assassins volume ... contains over 500 games, many ready-to-run direct from a ... custom interface. CD32 compatible. Gamers Delight ... has no PD games - solely Commercial stuff. Power Games ... has tons of PD games, many ready to run from the CD.

GET 3 CDs for £29.99

ILLUSIONS IN 3D

Here is a CD with loads of 3D hidden pictures, the utilities you need to create your own images and also the objects needed to create the 3D "hidden" effect! Programs such as Stereogram to produce the image as well as hundreds of source files in a myriad of gfx formats.

£5.99

FRESH FONTS

Volume 1 contains 626 MBs of fonts, Deco (71 fonts), Non-Latin (31), Pictures (17), Serif (23), Sans Serif (31), Script (27). Volume 2 contains 632 MBs of fonts. Deco (63 families), Sans Serif (29), Script (36), Themen (19) and more!

VOLUME 1 £14.99 **VOLUME 2** £16.99

Are You Ready? Coming Soon.....
Watch this space for more Details



SPECCY 2

Multi-platform CD with emulators for Amiga, Atari ST, Mac and PC. Loads of FAQs (Speccy related), games lists, wallpaper (BMP) pictures for Windows and (IFF) for Amiga. Over 100 different Speccy computer screens and loads of tape covers. Stuffed with over 150MB's of Spectrum games for a myriad of computers. sof .Z80 files.

new!! £18.99

WORLD INFO 95

Your virtual guide around the world. Travel to places you have never seen before, get informed about your next/potential holiday. Preparing for a geography test? All the info you need is here. 194 countries, 700 cities, covering many different subjects. You need to have Mosaic setup to run the CD. 256 colour Workbench is also recommended.

new!! £34.99

COLOUR LIBRARY

1700 colour files with categories such as Animals, Boats, Buildings, Cars, Cartoons, Cats, Computers, Dinosaurs, Dogs, Fantasy, Fish, Flags, Inserts, Maps, Medical, Military, Misc, Painting, Photo, Places, Planes, Sci-Fi, Sea, Space, Sport, Star Trek, Swimsuit, Trains, Wars! You asked for a colour clipart CD - here it is! Colour clipart for nearly every occasion.

new!! £8.99

C64 SENSATIONS

This CD gives you almost 10000 C64 megademos and over 600MB of software. Mega demos, games, utilities for the Amiga and PC computers. Latest versions of emulators for both machines (the commercial version of A64 v3 for the Amiga). C64 experts have searched high and low through C64 archives to put together a superb collection for Amiga and PC.

new!! £18.99

HOTTEST DEMOS

This CD offers you hundreds of the finest demos. Spaceballs, Kefrens, TRSI, Complex, Scoopex, Silents, Sanity and Virtual Dreams are a selection of the biggest names here. 2000 floppy disks in DMS format with menu system. Plenty on here to keep any user or even a demo freak going for ages!

new!! £18.99

ASSASSINS 2

This CD offers you hundreds of the finest demos. Spaceballs, Kefrens, TRSI, Complex, Scoopex, Silents, Sanity and Virtual Dreams are a selection of the biggest names here. 2000 floppy disks in DMS format with menu system. Plenty on here to keep any user or even a demo freak going for ages!

new!! £18.99

AMOS vol.2

This is an update to the first AMOS CD - the official library disks upto 638, general Amos PD over 200 disks. Also includes, ready to run, 1600 source files, 100 sprite banks, 260 Ctext banks, 800 samples, music banks, several Amos and Amos Pro extensions.

£18.99

SOUND WORKSHOP

Over 1 Gigabytes of data on this double CD. Includes MIDI files in various formats (MIDI, MIM), hundreds of MB's of music to listen to or change/edit for your own applications. Over 5000 modules, 1000 VOC files, 1000 WAV files, 1000 samples.

£18.99

WS CLIPART

Must be nearly third in the most popular CD ever produced. Contains megabytes of B/W IFF bitmaps, colour IFF, proclips, EPS, Pagesetter, Pgs, IMG, Corel Draw and coloured brushes for Deluxe Paint. Bargain! This CD-Rom is suitable for Amiga, PC and MAC computers.

£7.99

GIGA GRAPHICS

Giga Graphics is the ULTIMATE collection of graphics for the AGA Amiga. Over 10,000 images on this quad-pack CD. All images are in 24 Bit and HAM 8. Superb price for 4 CD's! Suitable for all AGA Amiga owners. Want a picture of a landscape? What about a animal? This is the place!

£34.99

WS CLIPART

Must be nearly third in the most popular CD ever produced. Contains megabytes of B/W IFF bitmaps, colour IFF, proclips, EPS, Pagesetter, Pgs, IMG, Corel Draw and coloured brushes for Deluxe Paint. Bargain! This CD-Rom is suitable for Amiga, PC and MAC computers.

£7.99

HOTTEST 4

This is a PD Soft collection of their PD library during 1994. Games, demos, utilities, animations, slideshows, diskmags, pictures, samples, music modules and much more. Limited stocks left so get this CD at this low price NOW!

BARGAIN! **£7.99**

CD BOOT v1

This allows you to use any CD32 game on your A1200 or A4000. You can create a config file for every game. Comes with a complete English based manual and can run around 98% of CD32 games.

£26.99

SOUNDS TERRIFIC

This CD contains over 1.2 Gigs of sound and music data. It will form part of any professional musicians library or amateurs collection. 4,800 modules, 14,000 samples, 568 Sonix scores, 4500 instruments, 302 octamed modules and more!

£17.99

GFX SENSATIONS

A collection of the best graphics tools, 24Bit images, animations and a huge collection for Imagine and Lightwave users: Anatomy, animals, aviation, bathroom, botany, buildings, clocks, computers, food, kitchens, lamps, ships, space, sports and much more!

£16.99

HOTTEST 5

Hottest 5 contains some of the very best games, demos, utilities, animations, slideshows and more from October to early February this year. This CD also comes with a 50-page black and white booklet and BBS support on the compact disc itself!

£15.99

TEN ON TEN PACK

An Almathera collection, reviewed in this months magazine consisting of ten CDs. They are: Team Yankee, Pandora's CD, World Vista Atlas, Illustrated Shakespeare, CDPD1, CDPD2, Demo 1, Comms and Networking, Fonts & Clipart and Photo Library CD .

£35.99

UTILITIES 1-1500

The utilities 1-1500 CD contains the very best utilities and tools from PD Soft's library (mainly during 1994). Education, business, sound utilities, hobbies, emulators, programming, printer tools, virus killers and much more!

BARGAIN! **£7.99**

MEETING PEARLS 2

Carrying on the excellent tradition this entire CD is run from HMTL "internet" style pages. More utilities, games, tools, music and Midi, FAQ's, PasTEX files and MB's of other data. This CD is similar to the Aminet series except it could be classed as more technical.

£8.99

WS FONTS

Another popular Weird Science compact disc. This CD contains 2000+ Adobe and CG fonts, some PS fonts, 500+ bitmap, 190 coloured, 240 IFF, 139 Pgs, 24 Prodraw, 500 Truetype, 132 PCX, 300 GDOS and more!

£7.99

WS ANIMATIONS

A double CD animation extravaganza! All the animations are ready to run from the CD, through an Amiga Guide file system. Some stunningly large animations, some over 5MB in size. Suitable for both the Amiga and PC.

£17.99

(01903) 850378 SEASOFT

VISA · MasterCard · Access

VERY LATEST & BEST PD ONLY 80P PER DISK FOR 10+ DISKS

OctaMED V6 £35.00
95% – Amiga Shopper
94% – CU Amiga
91% – Amiga User
9/10 – Amiga Computing
New font-sensitive GUI layout, Loads & saves Std MIDI files, Supports RAW, IFF, AIFF, WAVE, MAUD samples (mono & stereo)
Save mods as executable files
Supports Aura sampler and Toccata sound board.
(Requires Kickstart 2 or greater and 1.5 Meg Ram)

T.I.12 - £2.50
Latest issue of the MED Users Group Disk mag. Essential reading for all OctaMED users
(Iss 6 to 11 also available)

LOOM – £10.00
LOOM is an exciting departure from the normal methods of Amiga music production. It is a hybrid between a simple, yet powerful, visual programming language and a composition system.
Simple music OBJECTS (notes, chords, phrases or songs) are assembled together and modified with various tools & mathematical functions including data from Chaos Theory & Fractals, Non Linear Systems etc.
(Needs 4 Meg of RAM)

KIDS ONLY - £10.00
Originally due for commercial release this brilliant collection of eductional activities is now only available from Seasoft.
COLOURING PAD, I-SPY, DOT 2 DOT, PICTURE SLIDE, MUSIC MAKER, WORD SEARCH, PAIRS
Each colourful activity has various skill levels making this title for kids of all ages.
(demo version PD disk 2282)

TECHNOSOUND TURBO 2 - Pro
Latest version of this popular 8-bit sampler
£29.99

966 SID 2 (1)
Director Utility
1200 KICK V1.3# (1)
Get those old A500 progs working!
1261 NCOMM V3 (1)
Classic comms package
1318 PRINTER DRIVERS (1)
Canon BJ; HP Deskjet; Ricoh etc.
1344 MAGICWORKBENCH #^ (1)
1462 MIDI TUTORIAL # (1)
1526 WORD FACTORY (1)
Quality spelling prog for young kids
1989 MIDI UTILS 1 (1)
1990 MIDI UTILS 2 (1)
1991 MUSIC X UTILS 1 (2)
1993 MUSIC X UTILS 2 (3)
1997 FINAL WRITER PATCH (1)
Speed up FW3 by up to 400%
2009 HARD DRIVE UTILS # (2)
Aback Up; Fix Disk; VC; Click Dos 2; ReOrg;; Tools Daemon; Mr Back Up etc.
2082 DOPUS COMANION (1)
2121 A-Z PAINT PAD (1)
Excellent pain package for kids
2209 PERSONAL ANALYSER # (1)
Do you know yourself?
2268 BIG GIRLS 2 #^ (3)
Well presented 20 "Page 3" pics
2295 PC TASK V3.1 # (1)
Latest PC emulator
2332 TEMPLE OF DECREASE #^ (1)
Traditional AGA Demo
2334 NIBBLE # (1)
Colourful Boulderdash clone
2335 EXCELLENT CARD GAMES III #^ (1)
Poker, Czarina, Colours, Scottish & Napolean
2336 COARSE ANGLER # (2)
Excellent coarse fishing game/simulator
2338 MANDALA (1)
Fractal Generator
2340 DOPUS UTILS VOL 2 (1)
Various utilities for use with D'Opus
2341 CHANEQUES # (2)
Excellent game – watch out lemmins!
2343 MUI DEVELOPERS KIT (1)
2344 PAGESTREAM 3H UPDATE (2)
2360 IMAGINE OBJECTS # (1)
Dinosaurs objects for use with Imagine 2/3
2374 – MAGIC WB EXTRAS 11 #^ (2)
2376 - MAGIC WB EXTRAS 12 #^ (2)
Various extras for Magic Workbench including Icons, Backdrops etc.
2378 - STEREOPTICON (1)
Produce true stereoscopic pictures
2379 - NOTEBOOK (1)
Flexible all purpose organiser
2380 - DOWNLOADER (1)
26 new fonts for use with 24 pin dot matrix printers or compatible printers.
2381 - BALLS (1)
Well presented Shareware Lottery predictor based on previous numbers - The best I have seen to date.
2382 - SEVERED HEADS #^ (X) (2)
Graphic adventure game, adult only
2384 - AMIGA DOS GUIDE # (1)
Comprehensive Amiga Dos guide
2385 - DEVILS ABODE (X) # (1)
3d Graphic Adventure game
2386 - TINY TOONS CLIPART (1)
Mono clipart of your favourite characters
2387 - WORDS V2.3 # (1)
Spell checker for ISpell & Gold Ed (lha format)
2388 - MR GREEDY (1)
Excellent Story book for young kids
2389 - CMS TRAX 6 #^ (1)
5 excellent Octamed Modules
2390 - ALIENS CONFIDENTIAL MULTIMEDIA #^ (9)

This is only a very small selection of PD titles in our collection. If you cannot see what you are looking for then PLEASE ASK.

9 disks packed with interesting facts
2399 – BATTLESHIPS (1)
2401 – NO SAMPLER UTILS 4 # (1)
Various convertors, rippers etc.
2402 – BANK MANAGER #^ (1)
2403 - WAC AMOS SPECIAL #^ (1)
Amos disk mag – a must for amos users
2404 -ZONE READER #^ (1)
A utility for Amos programmers
2405 - EMOTIONAL CONFLICT #^ (1)
Impressive Graphic Adventure game
2406 - HP LASER JET 4 DRIVER (1)
LJ4 Boost, Miniprint, HP4L, Control
2412 - DISK HELPER 10 # (1)
OSK; MFT; XPK; Knight; Disk Saver; WBX; Virus List Find Crunch; Aga Utils; ResRom; SerMouse
2413 - AUDIO MAGIC 14 # (1)
Sample Scanner; Mod.to.smp; MiniPlay, Interplay2, CDTV Player.
2414 - AUDIO MAGIC 15 # (1)
Hippo Player; CD player; Sid2Midi; Symphony Pro; Play16; Player6.1a; XPlay; 60APlayer.
2415 - OFFICE HELPER 4 # (1)
Amiga Diary, Quick File, FHS Spread.

PD/SHAREWARE PRICES
1 disk – £1.50, 2 to 4 disks – £1.25, 5 to 9 disks – £1.00, 10 to 19 disks – 80p, 20+ disks – 75p
Prices per disk – Number of disks shown in brackets
Titles marked # will not work on A500 (V1.2/V1.3); ^ will not work on A500+/A600; (X) are suitable for over 16s only

2407 - CMS TRAX 7 # (1)
5 Excellent OctaMED Modules
2408 - MULTIVISION 9 # (1)
ArtPro, DPix, ChipRip, GfxCon, Giftoff
2409 - MULTIVISION 10 # (1)
AGracCon; Iff.FX.Aga; Flick 1.4; JIV.
2410 - MULTIPRINT 5 # (1)
Miniprint; Neat; MiserPrint; TapeCover; Primera Printers; Epson FX & LX; 550CFonts; LJ4 Boost.
2411 - DISK HELPER 9 # (1)
Iconimage; EasyWB; FullBench; Wasted Time; Tool/Alias; ClearRam; HD Sleep; MakeFast; CatClock; SmartCopy; Chunkit; Afil; Cybernetic Attorney; Drop'nt2
Intra2.16.
2416 - PAMELA ANDERSON (X) #^ (2)
10 excellent pics of famous model
2418 - CLAUDIA SCHIFFER (X) #^ (3)
Stunning pics of this beautiful woman
2522 - TERM V4.4 # (3)
2525 - TERM V4.4 030 #^ (3)
2428 - HD GAMES INSTALLER 4 (1)
2429 - ABYSS DRUGSTORE #^ (2)
2431 - FREEZER LECH #^ (1)
2432 - BOSNISK METALL #^ (1)
Three of the very latest AGA Demos
2433 - KIDS 7 # (1)
Excellent programs for young kids
2437 - INTERNET UTILS 2 # (1)
AmiTalk; AmiTCDHelper; AmiWatch; Control Panel; GUIF; Online O Meter.
2438 - ESSENTIAL AMINET 7 # (1)
Image FX & Image Studio data/patches; LHAControl; LJ4Boost; MasterISO; MReko; Photogenices; Project Midi; UND 64; XDM.
2439 - FRODO V1.5 # (1)
Commodore 64 emulator
2440 - ROM 4 DISK MAG # (2)
All you need to know about the Demo scene
2452 - STAR TREK GUIDE # (6)
All you wanted to know about StarTrek
2458 - DR WHO ANNIVERSARY # (5)
Do you know who the Daleks were?
2466 - FINDING THE TRUTH 2 # (2)
2468 - FINDING THE TRUTH 3 # (1)
2469 - DOS MAN (1)
Ref book for beginners and experts.
2470 - IMAGE STUDIO 2.1 (2)
Latest version of this excellent program
2472 - THE WORD 6 #^ (1)
NFA Disk "scene" magazine
2473 - AMIGA E V3.2A # (2)
Latest E Compiler (lha format)
2475 - PICTURE BOOK #^ (4)
Stunning AGA Demo – worth a look
2480 - SCOUT # (1)
Comprehensive System Monitor
2481 - TRANSITION # (1)
Image conversion package
2482 - SUN #^ (2)
Excellent Fantasy Demo
2484 - MASTER BLASTER # (1)
Excellent Dynablaster clone
2485 - SKIDMARKS 2 CARS (2)
More cars for Skidmarks 2 game
2487 - DELUXE PACMAN V1.6 #^ (1)
Super Pacman game
2488 - JAPANESE VOCABULARY (1)
2490 - CMS TRAX 8 # (1)
More excellent OctaMED 6 mods
2491 - MESSYSID 3 (1)
Don't have Cross Dos! then get this.
2492 - DUCK DODGERS # (1)
Addictive platform game
2493 - SHAPESHFITER V3.1 # (1)
Apple Mac emulator (needs rom)
2494 - CHEATS V2.1 (1)
Loads and loads of game cheats
2496 - THREE DIMENSIONS 17 (1)
A must for 3D Con Kit users
2497 - ALTERNATIVELY MUSICKED # (1)
Out of this world - OctaMED Mods
2498 - MUSIC FIRST # (1)
OctaMED mods of Eric Clapton
2499 - TEXT ENGINE 5 # (1)
The very latest and best WP/text editor
2500 - AEVOLUTION # (3)
Quality OctaMED Mods
2503 - TARGET # (1)
Great game - shoot the targets!
2504 - UFO ANIM #^ (1)
2505 - THE WORD 7 (2)
NFA disk mag of the Demo Scene
2507 - SURFING THE JAZZ WAVES # (1)
Excellent Jazz Music Demo
2508 - VIRUS CHECKER 7.17 # (1)
Latest and best virus checker around
2509 - C64 EMULATOR V3 (3)
Latest emulator and games
2512 - FRUIT KITCHEN - SILENTS #^ (2)
2514 - HATE 2 - FRANTIC #^ (2)
2516 - THRILLED - EMBASSY #^ (2)
2518 - ZIF #^ (2)
The latest AGA demos, all req HD
NEW TITLES ARRIVE DAILY

LATEST CD-ROM's
free postage & packing (UK only)

17-BIT FIFTH DIMENSION	£17.50
A DROP IN THE OCEAN (Audio CD)	£9.00
AGA EXPERIENCE	£20.00
ADULT SENSATIONS	£17.50
ADULT SENSATIONS 2 (over 18s only)	£17.50
AMINET 8	£13.50
AMINET SET 1 (quad)	£25.00
AMOS PD Version 2	£17.50
ARCADE CLASSICS	£13.50
ASSASSINS COLLECTION 1	£9.00
ASSASSINS COLLECTION 2	£17.50
C64 SENSATIONS	£17.50
COLOUR LIBRARY	£9.00
GRAPHICS SENSATIONS	£17.50
GROLIERS 2 ENCYCLOPEDIA	£25.00
HOTTEST AMIGA MEGA DEMOS	£17.50
HOTTEST 5	£17.50
MEETING PEARLS 2	£9.00
MULTIMEDIA TOOLKIT 2	£22.50
NETWORK Volume 2	£13.50
PROFESSIONAL IFF/PCX 2	£17.50
SCI-FI SENSATIONS	£17.50
SOUNDS TERRIFIC	£17.50
SOUND & GFX WORKSHOP (double)	£17.50
SPECTRUM SENSATIONS 2	£17.50
UPD GOLD (quad)	£25.00
WS ANIMATIONS (double)	£17.50
ZOOM	£17.50

SPECIAL VALUE PD PACKS ONLY £7.50 PER 10 DISK PACK

— NEW — AURAL SYNTHETIC[S] £30.00
DIGITAL MODULAR SAMPLE SYNTHESISER
From the author of Aural Illusion Modular synthesiser design provides the most versatile sound generation program on any platform. Samples saved as IFF, AIFF, WAV or SAFF formats. (needs Kickstart 2 or greater & 2Meg of RAM).
DUE FOR RELEASE IN NOVEMBER 95
CALL FOR FURTHER DETAILS

MIDICRAFT MAGAZINE
Following on from where the highly successful AM/FM left off, this new disk based mag from the Craft Brothers is a must for all Amiga musicians
£2.50 per issue
(Issue 7 now available)

AURAL ILLUSION 2 £20.00
8/16 BIT SAMPLE PROCESSOR
32 bit processing
55 manipulations
30 Effects including Time Stretch, Graphic Eq. Mixer & Resonant Filter
Compatible with most popular 8/16 bit file formats including IFF, AIFF, WAV, VOC etc.
Improved Synthesised Sound Editor
(needs Kickstart 2 or greater & [illegible] Meg of RAM)

MIDI MODULES
High quality Music-X and Amiga/PC MIDI files (state format required) produced and arranged by Kevan & Gareth Craft
Volume 1 - £15.00
Vol 2 for Keys - £10.00
Volume 3 - £20.00
Dynamite Drums 1 – £10.00
Dynamite Drums 2 – £15.00
Call for further details

MIDI INTERFACE
1 IN, 1 THRU & 3 OUT with pair of leads
£22.50

PACK 1 (a & b) — IMAGINE OBJECTS
Full of quality Imagine objects covering many subjects.
2 packs available (1a & 1b)

PACK 2 (a & b) — MAGIC WB EXTRAS
Packed full of backgrounds, Icons etc for Magic WB
2 packs available (1a & 1b)

PACK 3 (a & b) — ASSASSINS GAMES
The latest games from the Assassins group
3a - No. 220-209
3b - No. 210-219
3c - No. 220-229

PACK — EDUCATION
The best Public Domain Educational programs around for young children

PACK 5 — SAMPLES
Packed with a wide range of quality samples for your favourite music package. (Please state RAW or IFF)

PACK 6 — KLONDIKE, BLACKJACK & VIDEO POKER
Excellent AGA card games & extra card sets for your A1200HD

PACK 7 — ZX SPECTRUM
The latest Speccy emulator and masses of games – Take a trip down memory lane (A1200 only).

PACK 8 (a to j) — OctaMED Modules
Hundreds of mods from the Med Users Group collection.
10 packs available (8a to 8j)

PACK 9 (a & b) — CG FONTS
Loads of quality Compugraphic fonts for WB 2 &3, Wordworth 2+, Page setter 3 etc. 2
2 packs available (9a & 9b)

PACK 10 (a & c) — BITS & PIECES
450 files on various clips, drum loops etc., in Music-X (a), Amiga MIDI (b) & Atari/PC MIDI (c) formats.
(b & C are 9 disk packs)

PACK 11 — CARTOON CLIPART
Mono & Colour IFF clipart of your favourite characters from Porky Pig to the Lion King.

PACK 15 — PAGESTREAM FONTS
High quality Adobe type 1 fonts for Pagestream etc.

PACK 16 — M.U.G. SET
Excellent Drums, Brass, Woodwind & Strings samples together with some of the famous friends of Paula modules.

PACK 17 — LOTTERY FEVER
A collection of some of the latest and best lottery programs around. IT COULD BE YOU! (A1200 only)

PACK 18 — U.F.O.
Full of interesting info from around the world – text files & pics on sightings, encounters & abductions etc.

OTHER SPECIAL VALUE PACKS
(Prices as marked)

PACK 13 – £11.50 — GLAMOUR PACK
15 disks packed with AGA beauties from the famous Body Shop collection.
(A1200 only – not suitable for anyone under 16).

PACK 14 – £4.50 — OFFICE PACK
5 essential tools for the home/small office. Word Processor, Database, Forms Designer, Accounts and Spreadsheet.

PACK 12 – £5.00 — OctaMED 4
6 disks with the full version of this A500 compatible music program, disk based manual and a selection of mods & samples to get you started.

PACK 19 – £5.00 — SAMPLE ILLUSIONS
A 6 disk collection of unique sounds created with the Aural illusion sample processing package and saved as 8-bit IFF samples.

HORIZON
A NEW NAME IN LICENCEWARE DISTRIBUTION
Quality - all titles are of a professional standard
Value - from only £3.50
Choice - over 25 Titles
CALL FOR COMPLETE LISTING

Please remember to add the following Postage & Packing charges:
50p to orders for P.D./Licenceware only (£1.50 Europe, £3.00 R.O.W.) or £1.00 if your order includes other items (Europe & R.O.W. at cost).

Please make cheques/postal orders payable to SEASOFT COMPUTING and send to:
Seasoft Computing, (Dept CU), Unit 3, Martello Enterprise Centre, Courtwick Lane, Littlehampton, West Sussex BN17 7PA
or telephone
(01903) 850378
10.00am to 7.00pm Mon-Fri (to 5pm Sat). Callers by appointment only please

F1 GOLD
all with printed manuals
GRAC V1.1 – £6.99
Powerful Graphic Adventure Creator
BLACKBOARD V4 – £8.99
Comprehensive Image processor
MAGIC PAINT BOX – £6.99
Paint package especially for kids

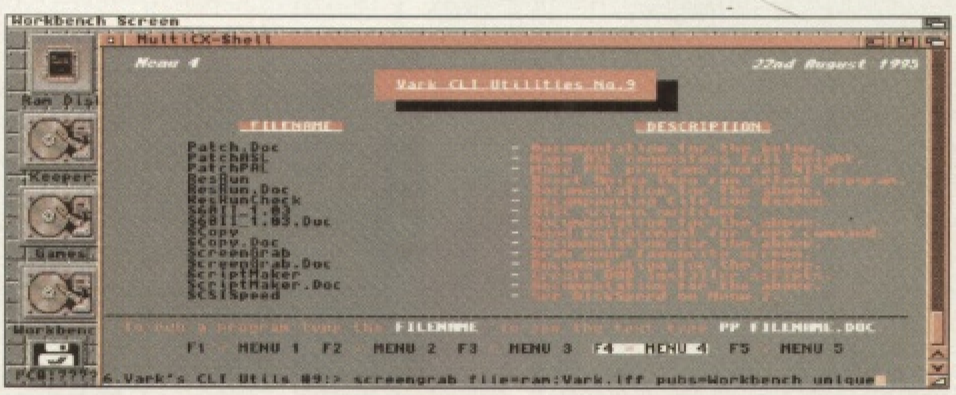
WE STOCK THE ENTIRE F1 RANGE

PD Utilities

Make your Amiga sound like Darth Vader, read up on the latest arms news or generally make your Amiga more efficient with this month's selection of chosen utilities from the Public Domain

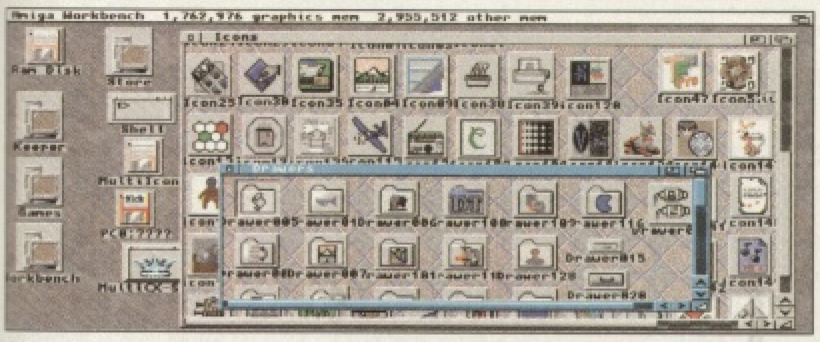
Vark CLI Utilities #9
Utility compilation

The latest edition of Vark is a good utility collection. First of all there's *AlgoMusic*, which creates amazing random music, an interesting sample compressor that sounds like Darth Vader, a brilliant Commodore Installer script generator and a neat public screen grabber. There's also some rubbish, like *MemSucker*, which is designed to temporarily disable a specified amount of RAM. It asks if you want to reset, but if you type No it resets anyway! Vark 9 is definitely worth tracking down for the better stuff, though.



Available from; Roberta Smith DTP, 190 Falloden Way, Hampstead Garden Suburb, London NW1 6JE. Tel: 0181 455-1626 Price: 90p + 50p P&P.

89 %



Multi Icons 2
Replacement icon pack

Initially put off by the German installer and documents, I soon realised that Multi Icons isn't just another boring icon package. It has much the same sort of installer as Magic Workbench so it's easy enough to use though unfortunately it doesn't have a de-installer in case the icons aren't to your taste. This is not a real problem though, since it didn't install the icons over my old ones automatically.

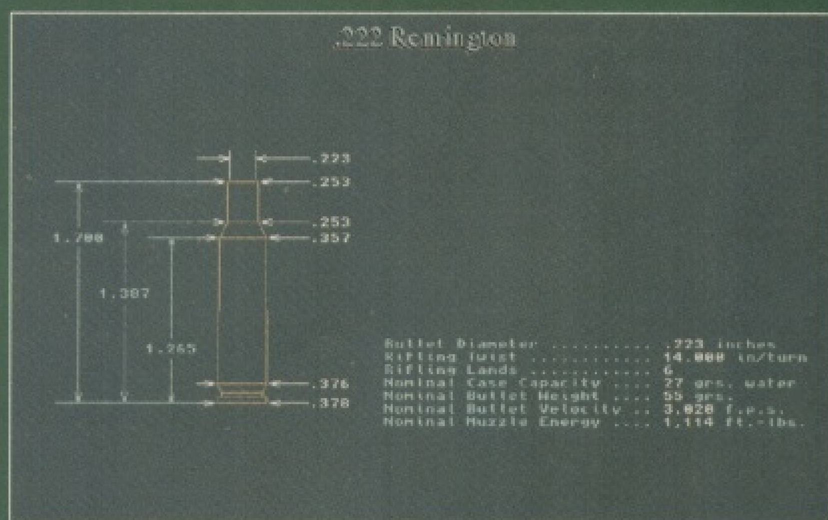
After installation, the end result is something that looked impressive and quite different from your average Workbench or Magic Workbench set-up. If you're one of those people who likes strange icon packs for your Workbench or want your machine to look original, then I highly recommend this effort. There's no shortage of icons to pick from and they're both colourful and clear.

A full set of different picture drawers are provided so your hard drive's root directories can be picturesque as well as your applications drawers. There's replacement icons for all the standard Workbench programs including preferences etc. Oh yes, they seem to be designed for non interlaced screens too, which is good news for many. Maybe Amiga Technologies could include one of these packs with new Amigas in the future.

Available from: Pixel Digital PD, Unit 6, Laurel Business Centre, 15 Laurel Road, Liverpool. Tel: 0151 259 4017 Price: £1.00 + 50p P&P.

88 %

AmmoGuide
Ammunition database



I just love Roberta Smith's disks with their nicely printed labels. Since I just happened to need to know the vital statistics of a German .30 Luger bullet, AmmoGuide seemed set to make my life complete. Not. AmmoGuide will even do a surface 3D render of the desired small arms ammunition just so you know exactly what one looks like. Technical information is also available including the cartridge dimensions, grains of primer and muzzle velocity etc.

A fair range of guns is covered insuring that it makes a good ammunition reference. There's just one burning question that needs asking: what's the point in it all? It's not exactly essential bed-time reading now, is it.

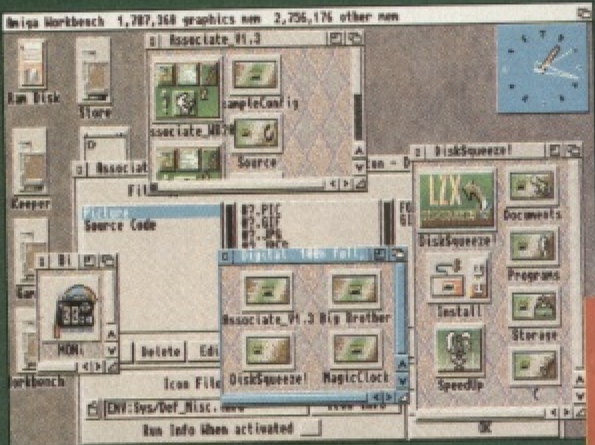
Available from; Roberta Smith DTP, 190 Falloden Way, Hampstead Garden Suburb, London NW1 6JE. Tel: 0181 4551626 Price: 90p + 50p P&P.

65 %

Digital Utils
Utility compilation

Digital Utils is a collection of four utilities one of which, *Magic Clock,* is the mother of all clock utilities. It's totally configurable down to each hand and time format, and I like its standard analogue view. *Disk Squeeze* is a DMS clone that really uses a host of other utilities to generate a file image of a disk. It uses LZX for the compression which means it gets pretty good results but is a little complex for common use. *Big Brother* is a 'non-system' monitor (basically a hacker's monitor). It just crashed whenever I tried it. Lastly, *Associate* makes icons for any files. You just drop them on its dock icon and tell it whether the file is a sample, picture document or whatever and it'll fetch an icon and plug in the viewer/player into the tooltypes – potentially very useful. Overall a 50% hit rate on this pack but the good stuff is worth it.

Available from: Pixel Digital PD, Unit 6, Laurel Business Centre, 15 Laurel Road, Liverpool. Tel: 0151 259 4017 Price: £1.00 + 50p P&P.



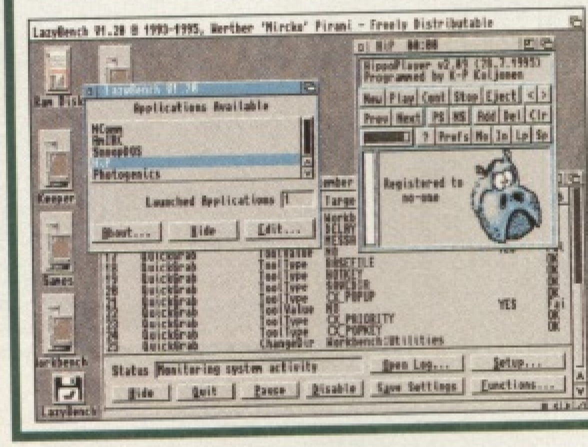
79 %

LazyBench 1.2
Application launcher

Lazybench is a simple launcher commodity. Once run, a user definable hot-key brings up a list of your favourite applications. A further click will run the selected application, upon which LazyBench automatically vanishes. All it needs is the paths saved to a configuration file which is edited with your choice of text editor. Small, simple and unobtrusive, it's definitely worthwhile if you have no applications launcher at all. This kind of utility is very useful for hard drive owners since actually finding the program you want to run, can take a while.

Here at CU Amiga, we use *ToolsDaemon* but that's a fair bit more complex and you may not like your Workbench menus cluttered with oodles of programs. Just dragging LazyBench into your WBStartup drawer is all that's required and it consumes practically no memory. You will need to know how to use a text editor though since it's a shame that new applications can't be added by dragging and dropping as with *ToolsDaemon*. If you've nothing like it, get it now.

Available from: Exclusive PD, 7 Beresford Close, Waterlooville, Hants PO7 5UN. Tel: 01705 642409 Price: £1.00 + 75p P&P.

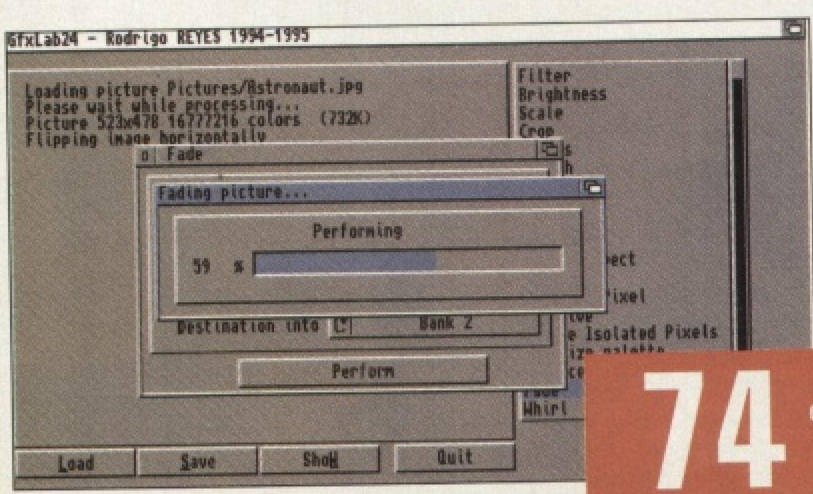


86 %

GFXLab-24
Image processor

This French image processor certainly isn't lacking in features. However what is missing includes an on screen preview and a resizable GUI. GFXLab-24's GUI is NTSC size and it won't change for anything. Not that it matters since the main view window is only a text log of each operation performed. On the right is a list view with a selection of processes. As usual it has a convolve function which thoughtfully comes with loads of matrixes but they must each be loaded by hand. Overall, the approach is like a hacker's image processor, with operations that are slower than *Image Studio* (ridiculously so at times). Its internal picture viewer is liable to crash but thankfully you can drop in a third party viewer. *Image Studio* is still a far better option, but this could be useful if you only occasionally use image processing tools

Available from: Pixel Digital PD, Unit 6 Laurel Business Centre, 15 Laurel Road, Liverpool. Tel: 0151 2594017 Price: £1.00 + 50p P&P.



74 %

RAF Fast Jets
Aircraft database

Taking a departure from utilities, RAF Fastjets is an encyclopaedia of various aircraft the RAF has used at some time. Much more than a simple collection of images, there's diagrams, technical specifications and the history of each particular machine. I found the disk quite informative and entertaining having a passing interest in the subject myself. All the files are Powerpacked but luckily the tooltypes of the icons do point to the correct viewers/readers on the disk that understand the format. The collection conveys the author's enthusiasm for the topic and it's easy to access it all from floppy. HD installation however, would be a pain due to the icon tooltypes etc. You could, of course, use your own tools to view the information on the disk. Previously from the CLR licenseware range, this disk and a collection of other aircraft database disks are now available as shareware from SeaSoft. Definitely worth a look if the topic is of interest.

Available from: SeaSoft Computing, Unit 3, Martello Enterprise Centre, Courtwick Lane, Littlehampton, West Sussex BN17 7PA. Tel: 01903-850378 Price: £1.00 + 50p P&P.



85 %

Exclusive PD

(CU) 7 Beresford Close, Waterlooville, HANTS PO7 5UN

VISA · MasterCard · DELTA · SWITCH

Easy Ordering

All PD Disks just £1.00 per disk and work on all Amiga models unless otherwise stated.
[2.04+]/[+] = A500+ or over. AGA = A1200/A4000
HD = Hard Drive required. (?) [?] Number of disks
UK add 75p P&P Per order, Europe 75p + 20p per disk, World 75p + 40p per disk. Add 75p per CD.
Catalogue 3 x 25p Stamps, FREE with 1st Order.

KLONDIKE

...GAMES DELUXE (3 DISKS, AGA)
...ONDIKE III [AGA][4MB][6 DISKS]
...ONDIKE III [AGA][HD][4MB][4 DISKS]
KLONDIKE II [3 DISKS][HD]
...ONDIKE V1.0 [AGA][3 DISKS]

LATEST CARDSETS

...SCAPE	ERIKA ELENIAK
...HAWK	HELLRAISER
...	STAR TREK 2
...	BABYLON 5
...	DREAMS 1
...2	DREAMGIRLS 1
...PICS CHIX	STAR TREK ART
...TON 2 - 1995 CUP FINAL	
... LEAGUE 95	FLINTSTONES
...	
...TORCYCLE 1	BIKE & CAR
...	NUDES 2
... WOMEN	KEWL
... & BUTT	BIRDS 2
...LIPE 2	TRUE LIES
...CLIPE	PINOCCHIO
...MAN FOREVER	NUDE
...GATE	FAMOUS WOMEN
... BABES	ARNIE
...PING YARNS	SHERILYN FENN
...CTAL	MUNROE 2
...LLEOS	HEROINE
...ACTY	CINDY CRAWFORD
...AGON LANCE	PRETTY WOMEN
...TO CD	FLOWERS
...RIS VALLEJO	ORIENTAL GIRLS
... MEN	BIKINI
...	PREHILLION
...ZLED?	DISNEY
...BRUSH	SPACE
...EAN	PLAYBOY
...LIE MINOGUE	MAMMALS

We can supply any cardset listed in any mag

LATEST GAMES

HD GAMES INSTALLERS 4 More!!!
DONKEY KONG C64 Classic
ULT. AMIGA CHEATS DISK [2.04+]
GALAGA DELUXE V2.6 [2.04+] Cool
TROOPER
BLITZ Shoot 'em up
COGNITION Puzzling puzzler
NECESSARY ROUGHNESS 2
CIRCUS [2.04+] Just clowning around
SKID RACER Top down racer
BLACK DAWN 5: NEW BEGINNING (2)
DUCK DODGERS [2.04+]
CODENAME NANO [2.04+]
JACK NICKLAUS: CALGARY COURSES
SCAVENGE (AGA)
SUPER HAM & TOSES BROS [2.04+] (2)
CARNAGE [2.04+] [2MB]
CHANEQUES (2, AGA) Lemmings type puzzler
THE ULTIMATE DEGRADER AND ENHANCER V1.1 (AGA)
ART OF BREAKING HEADS (6, AGA) Cool beat 'em up
HD GAMES INSTALLER II (AGA, HD)
ZAXXON C64 Classic
INTERNAL COMBUSTION
FATAL MISSION (AGA)
VIPER (AGA)
DIGITAL NINJA: GORY CHRISTMAS Horrific snowball fight
CYBERGAMES (2 DISKS) Beat em up
CHARR V1.0 Great artillery game
INFECTION Good puzzler
DEMON V1.01 Card game
SUICIDE MACHINE Op wolf style
VCHESS V3.1 [2.04+]
HYPERACE (3, AGA) Top down racer
TOTAL DOMINATION
ALIENOID Arkanoid style
BEAVIS & BUTTHEAD
CYBERSPHERE Bat and ball game
JET SET WILLY 3 Cool remake
DR STRANGE 2 [2.04+] Platformer
FEARS V2.0 (AGA) Fantastic!
POKERMANIA (AGA) Card game
BLOODWARS V2.0 (AGA)
M*A*S*H Lemmings style
KING HIGH Card gamble
EMERALD MINE V6.0 Boulderdash!
BLOODBALL
CYBERMAN 3D Pacman
T-RACER Cool shoot em up
AMIGA THRUST AGA
SCORCHED TANKS V1.85 Stunning and addictive artillery game
LAST LAP V1.0 [1.5MEG] Top down racer
HD INSTALL 3 (AGA) Latest games to HD
DELUXE PACMAN V1.6 AGA The best Pacman game
TRACK ATTACK (2 DISKS) Train puzzler
BOOMIN' ECK (AGA) Dynablaster style
PSSSST (AGA) Spoony remake
MORTAL KUMQUAT 3 (AGA) Beat em up
PSYCHEUAL AGA Good AlienBreed clone
SKIDMARKS 2 EXTRA CARS (2, AGA) Wheelchair, Track, Sportscar, Land Rover
F1 GP EDITOR V2.75 For Microprose F1
EXCELLENT CARDS III (AGA) Great cards games
SCRABBLE [2.04+] The board game
HELICOPTER MISSION [2.04+]
SUPER BATTLE ZONE [2.04+]
PACMAN 3D [2.04+]
PUZZLE PITS 2 [2.04+]
BOOZE-O-METER [2.04+]
MADHOUSE [AGA][1.5MB+][2 DISKS]
ROCKETZ V2.25 [AGA] Raytraced classic
OOZE AGA [AGA][2] Cool board game
OOZE ECS [2.04+]
GRAVITY FORCE II [2.04+] Tons of levels
POWER WALLS [2.04+]
TANKS! [2.04+] 3D classic
NICKY 2 [2.04+]
ALIEN GENOCIDE [2 DISKS][2.04+]
ISLAND [2.04+] Monopoly variant
DOOMER [AGA][HD]
SLIDER [2.04+]
CARNAGE [2.04+]
PSSST TURBO [2.04+]
SCREECH [2.04+] Motor game
GLASSBACK II [2.04+]
CHILD MURDER AGA (4) Gory adventure
CHILD MURDERER ECS [3 DISKS][2.04+]
DIAMOND CAVES V1 [2.04+] Cave game
SPRINGTIME [2.04+] Puzzler
ALIEN BREED 3D [AGA] Demo
BATTLE DUEL [2.04+]
BATTLE DUEL [AGA]
GLOOM [AGA]
WAR OF THE WORLDS 4 [AGA]
DOMINOES [2.04+]
WHEEL CHAIR GLADIATORS [2.04+]
DELUXE PACMAN ECS [2.04+] Best ever
BRATWURST V1.01 [AGA] Thrust style
THESEUS XII [2.04+]
SPACED OUT [2.04+]
BREAKIN' BRICKS [AGA/HD] Arkanoid style
BATTLE TRUCKS [2.04+]
DYNAMITEWAR V2.0
ULTIMATE FRUIT MACHINE
WEAPON MASTERS
DYNAMO (2 DISKS)
DENTAWOLF (AGA) Doom clone
BOOMFIELD
COW WARS V1.1
HELICOPTER
INCINERATOR 3D
XENO PLAYABLE
VIRTUAL WORLDS V1.01 |

LATEST DEMOS

SOUNDS OF ROCK
SOUNDS OF ROCK 2
TEKNO FRENZY
TEKNO FRENZY 2
TEKNO FRENZY 3
JAZZ MOODS
AURAL EXTRACTION (1MEG CHIP)
AURAL EXTRACTION 2
OLD BULLS: MOMENTS (AGA)
SCOOPEX: ALIEN INSPIRATION (AGA)
GENERATION X (2, AGA, 4MB FAST MEM)
BOLD & BEAUTIFUL: OPEN YOUR MIND #7
SPASM: BIM BAM 3 [2.04+]
BANAL PROJECTS: PAPA [2.04+]
CARNAGE: TAIHO SHICHAU ZO [2.04+]
P.I.L: ANNALIZA [2.04+]
AMAZED (3, AGA [HD])
BIOSYNTHETIC DESIGN: TENEBRA (AGA)
SCOOPEX: ARTCORE (AGA)
AXIS: PICTURE BOOK (4, AGA)
NOVA: SOHO (3, AGA)
APEX: DOTSY (AGA)
OXYGENE: INDIGO (2 DISKS, AGA)
INFECT: DO YOU BELIEVE? (2 DISKS, AGA)
POLKA BROS: TWISTED (4 DISKS, 4MB)
ZOO: MAP (AGA)
FREEZERS: WIT PREMIUM (AGA)
TRSI: WE WILL SMASH U (AGA)
ABYSS: DOVE (2 DISKS, AGA)
FAIRLIGHT/VIRTUAL DREAMS: PSYCHADELIC (3 DISKS, AGA, HD)
TRSI: ANHALONIUM LEWINI (AGA)
NO REFUND (2 DISKS)
TRSI: CUBIC DREAM (2 DISKS, AGA)
IMPOSSIBLE POSSIBILITY (2 DISKS, AGA)
DREAMDEALERS: IMAGINE (AGA)
TRSI: ARTIFICE (2 DISKS, AGA)
SPACEBALLS: KLEINE JONGEN
LATE NIGHT/AMY JOGS
DOLPHIN DREAMS
FREEZERS: DEATHWALKER (2 DISKS)
GIGATRON: PRIMAL SCREAM (AGA)
HYDROENCAPHULUS 2 (AGA)
MAN ON THE MOON (4 DISKS, AGA, [HD])
AVALON: RESPONSE (AGA)
ART OF NOISE (AGA)
BLUE (AGA)
4D DEMO (AGA)
MANUAL OVERRIDE (AGA)
DEEP (2 DISKS, AGA)
X (3 DISKS, AGA)
IN BLOOM (2 DISKS, AGA, 4MEG, HD)
STAVROS (3 DISKS, AGA, 4MEG, HD)
HOPEFULLY DEAD (4MEG, AGA)
OZONE BONZMIX #1 (2 DISKS, AGA)
FREEZERS: LECH (AGA)
MELCHIOR (2 DISKS, AGA, HD)
RUNE REALM 2 (2 DISKS, AGA)
BREATH TAKER [AGA][4MB][HD][3 DISKS]
MYSTIC ILEX (AGA)
SOME JUSTICE '94 [AGA][2MB]
MELON BOO=0
PRODIGY NO GOOD
NEOPLASIA BAM BOOZE
ETERNAL MADNESS (2 DISKS) [AGA][4MB OR HD]
TOOTHBRUSH (2 DISKS, AGA)
IMT WORLD OF ASCII (AGA)
BALANCE SYNDROME (AGA)
ASYLUM ZEROS & ONES (AGA)
TRADIGY ZOKITJE (AGA)
ANIMATUNES (2 DISKS, AGA)
VANITY AURAL ASSAULT (2, AGA)
BINARY PHOBIA (2 DISKS)
ANATHEMA CHIP ATTACK (2, AGA)
GATHERING 95 INTROS
TCM MINT (AGA)
ABYSS DRUGSTORE (2 DISKS, AGA)
TEMPLE OF DECEASE (AGA)
ARTWORK GREENDAY [AGA][5MB][HD][3 DISKS]
RIDGE RACER DEMO (AGA)
GIGA BOSNISK METAL
BUFFALO VIBES #1 [2.04+]
DELIGHT: EXPLORER (AGA)
O.T.T: MONOLITH (AGA)
SANITY: ROOTS V2.0 (AGA)
POSSINULE (4 DISKS, AGA)
OXYGENE: HAPPY BIRTHDAY AGA
OXY ANOTHER DREAM NOW (AGA)
MUSICAL SENSATION (2, AGA)
A MATTER OF STYLE (2, AGA)
ILYAD (4 DISKS, AGA, HD)
ACID IS ONLY A DRUG (6, AGA)
VOMIT DEMO (AGA)
LION KING JPEGS (4 DISKS, AGA)
LION KING JPEGS 2 (3 DISKS, AGA)
TRIP IN A VEIN (6MB)(7, AGA)
DARK PORTAL 2
THE MAD PREACHER
MANGA ANIMATED BABES! (AGA)
RAVE NATION (2 DISKS)
MIXER VOLUME 1
GATHERING 94 MODULES 13-18 (6)

UTILITIES

POWERCACHE V37.104 [2.04+]
FILER V3.23 [2.04+]
TURBOCAT V2.00 [2.04+]
FINAL WRAPPER V3.0
FINAL WRITER PATCH
WB3.0 DATATYPES
GUIDING LIGHT Amiga Guide utils
DOPUS EXTRAS
GVP FASTPREP V1.01A [2.04+]
SUPERDARK V2.0 [2.04+]
APCOPY V4.4 [2.04+] DOpus clone
MEENY MENU SYSTEM [2.04+] Make your own menus
DOPUS MAGIC COMPANION [2.04+]
BLITZBLANKER V2.5A [2.04+]
SWAZBLANKER V2.7 (AGA)
MR BACKUP V2.1.4 [2.04+]
DISK DOUBLING V1.9B [HD] Disk compressor
IMAGE ENGINEER V1.1 [2.04+/020]
DYNAMICS AGA Art package
TEXTURE STUDIO [2.04+/020/FPU]
PCTASK V3.1 PC Emulator
SPONDULIX V5.0
MAGIC DISK CREATOR Make your own
EXOTIC RIPPER V3.0 Module/Sample stealer
DISK CAT V2.1 [2.04+] Catalogue maker
ADPRO EXTRAS [2.04+]
GBLANKER V3.6 [020]
AUTOSTREOGRAM V4B - RDS Generator
WB2 HD INSTALL DISK [2.04+]
TEXT PLUS PRO V5.01 [2.04+/HD]
EPOCH MASTER V5 [2.04+]
GAME WARPER V1 [020+] Uses Action Replay codes
DMS PRO V2.04 [2.04+] Diskmasher
DISK MON TOOLS V3 [2.04+]
CHECK IT OUT V1.02 [2.04+] Accounts package
EAGLEPLAYER V1.54 (2) [020]
DISK STYK [2.04+] Make labels
SUPERVIEW V4.42 [2.04+]
PRO TITLER V2 [2.04+] Desk Top Video
CAR DATA ANALYST [2.04+] Fuel consumption etc
EASY DMS [2.04+] Diskmasher
BLUFF VIDEO TITLER [2.04+] DTVideo
SOUND BOX V1.97 [2.04+] Sample converter
SMART FRACTAL [2.04+] Generator
AMI CHECK [2.04+]
DELITRACKER II V2.1 (2 DISKS) [2.04+] Module player
IMAGE STUDIO V2 (2) [2.04+][HD]
DISK MON TOOLS V3.1 [2.04+] Disk repair
APLAYER V1.21 [2.04+] Mod player
AMIGABASE V2.1 [2.04+] Database
GFX CON V1.6 Converter
EASY LIFE V1.10 (3 DISKS) [2.04+]
VISUAL ARTS V2.2 (2) [2.04+]
OCTAMED V6 [2.04+] 8 channel Tracker
GEN TREE V1.5 [2.04+][2MB+] Geneology prog.
SCOUT [2.04+] SnoopDOS style
DMS FACE V1.1 [2.04+] Diskmasher GUI
DOPUS UTILS 2 [2.04+]
BLITZ CASE For blitz basic
EASYSTAT V1.0 Stats prog.
ICON TOOLBOX V2.12 [2.04+] Superb
MAGIC SELECTOR V1.40 [2.04+]
MUI V2.3 [2.04+] Magic User Interface
MAGIC CX [2.04+]
TOOLS DAEMON V2.1 [2.04+] Essential tool
TOOLS MANAGER V2.1 (2 DISKS) [2.04+]
PROTECTOR [2.04+] HD Security
LOCK UP V3.6 [2.04+]
SECURITY V3.71E [2.04+]
SUPER DMS V2.001 [2.04+]
NEW UTILS #3 [2.04+]
WORDS V2.3 [2.04+/HD]
GOLDED V3.0 [020+/HD]
GOLD ED EXTRAS
DIRECTORY OPUS PATCH V5.0 & V5.10 TO V5.11 [HD]
LZX V1.2 The ultimate archiver
QUADRACOMPOSER [2.04+]
QUALITY AMOS PD
NEW ICONS EXTRAS
TAPE COVER/AUDIOED V2.55 [+]
VMM V3.1 [68020+68851 MIN.]
TERRAFORM UTILS 1 [2.04+]
ZXAM SPECTRUM EMULATOR V2.0 (AGA)

COMMS GUIDE V1.1
FINAL FAXX [2.04+]
AMIGA FAX V1.42 [2.04+]
TELEPHONE BOOK V3.1 [2.04+]
DIALING CODES V2 [2.04+]
MICRO PHONE NUMBER LOCATOR
INTERNET ARCHIVE (2 DISKS) [2.04+][HD]
INTERNET UTILS
INTERNET UTILS 2 [2.04+]
COMMS & THE NET (3) [2.04+]
CROSS MAC [2.04+]
ACCESS PC [2.04+]
PC TOOLS [2.04+]
DREAM TERM [2.04+]
TERMINUS V2.0E [2.04+]
TERM V4.3 (3 DISKS) [2.04+][HD]
TERM V4.3 030 (3 DISKS) [2.04+][HD]
AMIGA NCP V1.7 [2.04+] Amiga to Psion
PARNET HD [2.04+]
MOSAIC V1.2 [2.04+]
BAUD BANDIT BBS V7.2 [2.04+]
AMIGA POINT V2.1 [2.04+]
AMIGA ELM V5 [2.04+]
GRAPEVINE [2.04+]
TCP HELPER [2.04+]

SLIDES

...E GATHERING '95 GFX (4 DISKS, AGA)
...IDAY THE 13TH (4 DISKS, AGA)
...OOM II SLIDES (AGA)
...EMALE BODY BUILDERS (3, AGA)
...ADERUNNER SLIDES [2.04+]
...AYTRACED JPEGS (AGA)
...ILDLIFE JPEGS (AGA)
...ABYLON 5 AGA SLIDESHOW
...PA: BODYSHOP VIII (3 DISKS, AGA)
...PA: CLAUDIA SCHIFFER '94 (3, AGA)
...IEN RAYTRACED PICTURES (AGA)
...ADE RUNNER JPEGS (AGA)
...AMOUS FACES (5 DISKS, AGA)
...NNIE GARTH (AGA)
...OSAIC SLIDESHOW
...REETFIGHTER2 & MANGA BABES AGA
...ILD WHEELS AGA
...ERNAL (2 DISKS, 2 DRIVES, AGA)
...IKI TAYLOR (2 DISKS, AGA)
...SUN (2 DISKS, AGA)

IMAGINE RAYTRACING

BICYCLE OBJECTS
BACKPACK/BUGHEAD/STINGRAY OBJECTS
ROBOTBALL/TROOPER OBJECTS
HEAD/INTEL/JEEP OBJECTS
NAUTILUS/PHONE OBJECTS
OVIS OBJECTS
POOL + OTHERS OBJECTS
SPACESTATION/SPITFIRE OBJECTS
IMAGINE FONTS (4)
DINOSAUR OBJECTS
STAR WARS OBJECTS(3)
IMAGINE TEXTURES GUIDE (AGA)
IMAGINE ATTRIBUTES #2
ALIENS OBJECTS
BABYLON 5 OBJECTS 2
IMAGINE 2 LIGHTWAVE V1.0
DUNGEONS & DRAGONS IMAGINE OBJECTS
DALEK OBJECTS FOR IMAGINE
SPACEMAN IMAGINE OBJECTS
ARMOURED_WALKER FOR IMAGINE 2.0
IMAGINE HUMANOID (4)
IMAGINE LIGHT FLAIRS
IMAGINE MANUAL [2.04+]
IMAGINE CAR OBJECTS (3)
IMAGINE BRUSHES & TEXTURES
IMAGINE TEXTURES
IMAGINE ANIMAL PLANT (2)
IMAGINE SOFTSHADOWS TUTORIAL
IMAGINE Q & A
IMAGINE UTILITIES (3)
IMAGINE BUDDY SYSTEM [2.04+] (2)
IMAGINE TEXTURE MAPS

INTERESTS

...MOS PROGRAM COLLECTION (2)
...UALITY AMOS PD
...RKRM EXAMPLES
...MODULES V40
...UTILS 'N' SAUCE (3)
...TTIC & BLITT Programs for C programmers
...RR: EXPERIENCE X - ALIENS AHEAD
...TAR TREK DESIGN FILE
...LITZ BASIC STUFF
...MOS Q & A (03/95)

SFX & GFX

GFX UTILS 2 [2.04+]
SUPERVIEW V4.0 [2.04+]
VIEWTEK V2.1 [2.04+]
IMAGE PROCESSING 3 [2.04+]
CHRISTMAS LABELS
GRAPHIC CONVERTERS (2 DISKS)
JPEG TO AGA CONVERTER V1.4
DGRAPH [2.04+][3 DISKS]
IMAGEDESK V1.5 (AGA)
SOME JUSTICE SAMPLES (6 DISKS)
BASS SAMPLES
EAGLEPLAYER V1.53 (2 DISKS) [2.04+]
(ST-99) ALERT SAMPLES
ULTIMATE BREAKS [2.04+](6 DISKS)
X-LOOPS [2.04+]
COMPUGRAPHIC FONTS VOL 9 (6)
LION KING CLIPART (3 DISKS)
TINY TOONS CLIPART [2.04+]

LOTTERY

COP THE LOT PRO
PRO-LOTTERY V1.1
BALLS V0.99 (AGA)
LOTTERY CHECKER
LOTTO LUNACY V.5 [2.04+]
LOTTERY MASTER [2.04+]
MP LOTTERY V2 [2.04+]
PRO GAMBLE V2.1
COURSE FORM
PREDICTION TOOLS
FORECASTER V2.01B [2.04+]
BOOKIE BEATER

£

MAGICWB

MAGIC WB V1.2P [2.04+]
MAGIC WB EXTRAS 1&2 (2)
MAGIC WB EXTRAS 3&4 (2)
MAGIC WB EXTRAS 5&6 (2)
MAGIC WB EXTRAS 7&8 (2)
MAGIC WB EXTRAS 9 (2)
MAGIC WB EXTRAS 10 (2)
MAGIC WB EXTRAS 11 (2)
MAGIC WB EXTRAS 12 (2)

MAGICWB BASED ICONS V1.2
MAGIC BACKGROUNDS ICONS [+]
SMALL MAGIC [2.04+]
MWB PALLETTES/FOXX ICONS
ROMANS MWB ICONS (2)
SMALL MAGICWB V1.1

FUNNY B/DROPS & ICONS AGA
WB SEAMLESS TEXTURES [+]
WALLPAPER V1 & B/DROPS [+]
WORKBENCH PATTERNS
B/DROPS & S/UP PICS V3 AGA
B/DROPS & S/UP PICS V7 (2)
B/DROPS & S/UP PICS VOL 9
B/DROPS & S/UP PICS V10 (2)
THICK BACKDROPS (2) [2.04+]

F1

F1-084 Words+ Pro £4.99
F1-085 Legions Of Dawn £4.99
F1-086 Legions Of Dawn (HD) £4.99
F1-090 Punter V3.0 £3.99
F1-091 D.M.C. £4.99
F1-092 Premier League £3.99
F1-094 Amosaic 7 £5.99
F1-096 Magnetic Fiction £3.99
F1-097 Ult. Quiz Data: Pot Luck & Sport £4.99
F1-098 Geeks £3.99
F1-099 GR.A.C. User Disk 1 £3.99
F1-100 Atomic II £3.99
F1-101 Introducing WB II £6.99
F1-102 Auriga £3.99
F1-103 Telesubtitle 3 £3.99
F1-104 Martial Morphers £3.99
F1-105 Dynamate £3.99

GR.A.C USER DISK
Only £3.99

WIN!!!! £50.00 - Free entry to our monthly draw!

1 FREE ticket with every £5 spent. First prize £20.00 worth of PD disks, 2 Runners' up prizes of £10.00 worth of PD Disks, 2 Runners' up prizes of £5.00 worth of PD disks

---

NEW ICONS PACKAGE AGA including
THE NEW ICONS BACKDROP SET #1
NEW ICONS IMAGE SET (500+ICONS)
ADDITIONAL ICONS & SNAPSHOTS
and ICONIAN V2.93 to create your own icons

ONLY £4.99

ZXAM SPECCY EMULATOR V2.0 AGA £1.00
SPECCY EMULATOR V2.0 (ALL MACHINES) £1.00
SPECCY GAMES
Vol1-9 148 Games £9.99
Vol10-18 142 Games £9.99
Vol19-28 160 Games £9.99
Vol29-38 155 Games £9.99

A64 PACKAGE V3 & COMMODORE 64 GAMES [10 DISKS] [2.04+]
Only £10.00

Pagestream Fonts
Pack 1 80+ Fonts £7.99
Pack 2 70+ Fonts £6.99

FAMILY BOARD GAMES [2.04+] £4.99
DOMINOES, ISLAND, SCRABBLE, Amiga maze, Amigatration, Atoms, Attacks, Chinese Checkers, Circuit Wars, Connex-4, Joust, Kamikaze Chess, Kap-Othello, Rummy, Sorry!, The Brain Trippin, Yahtee MONOPOLY. Documentation included



SP001 Cosworth, JCB Digger, Bigfoot Truck & GoKart £4.95
SP002 Bus, Tank, Convertible & Dick Dastardly £4.95
SP003 Jet, Dragster, Reliant Robin & Skater £4.95

Each set comes complete with HD and Floppy installer, cars act as an integral part of the game
AGA Required.

SKIDMARKS 2 EXTRA CARS

FG-002 BLACKBOARD V4.0 £8.99 with 24 page manual (NOT A500 COMPATABLE)

Word Puzzlers Paradise £6.99

WORDSEARCH DESIGNER V2.0 allows you to design Word Search puzzles very easily on your computer and then allows you to print it for distribution. **Wordplay** is a selection of similar but individual word games all relying on your ability with words.

Disk Magazine Creator allows you to create disk mags like Grapevine and the other leading disk Zines, but there is one major difference with DMC, you don't need to code any of it! DMC has many features including the ability to include clipart amongst your articles.
FG-004 D.M.C £6.99 with 30 page manual.

TOTALLY TRIGGER-TASTIC [2.04+] £6.99

Final Writer Fonts
Pack 1 (204 fonts) £9.99
Pack 2 (203 fonts) £9.99

FG-003 MAGIC PAINT BOX £9.99 with 22 page manual.

£14.99
Biggest Babe Collection EVER

AMIGA E
Utilities and Source code, hints and tips and a tutorial disk all for just £3.99

AmiNet CD Series

AmiNet Set 1 £23.99	AmiNet Set 2 £25.99
AmiNet Set 2 PreOrder £23.99	AmiNet 6 £9.99
AmiNet 7 £12.99	AmiNet 8 £12.99
AmiNet 9 £13.49	Aminet 9 Pre-Order £11.49

(01705) 642409



Adult Sensation 2
£16.99



Assassins Ultimate Games CD2 £17.99

Picture unavailable at the time of going to press

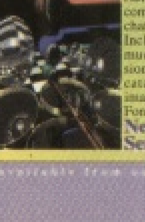
THE COLOUR LIBRARY £9.99

Picture unavailable at the time of going to press

C64 SENSATIONS £16.99



Arcade Classics £13.99

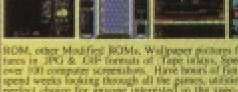


The follow up to the ever popular Networking CD. Full of networking and comms software to allow your Amiga to chat to local or globally linked amigas. Including a SerNET program which is much easier to use than previousversions. And is likely to contain various catagories of software such as:24Bit images, PhotoCD conversion, Comms, Fonts, clipart and much, much more.

Networking CD 2 £13.49
SerNet Cable £17.99



Sci-Fi Sensation Double CD £16.99



SPECCY SENSATIONS 2
£17.99

Late Night Opening Wednesday & Thursday till 7.30pm

Open Sunday 11am to 4pm

FIRST COMPUTER CENTRE

HOW TO ORDER

Order by telephone quoting your Credit Card Number. If paying by cheque please make payable to: "FIRST COMPUTER CENTRE" In any correspondence please quote a Phone Number, Post Code & Dept. Allow 5 working days cheque clearance

SHOWROOM ADDRESS: DEPT. CU, UNIT 3, ARMLEY PARK COURT, STANNINGLEY RD, LEEDS, LS12 2AE.

LOW COST DELIVERY

- Standard delivery £1.95
- 2-3 Week Days £2.95
- Next Week Day £4.95

Delivery subject to stock availability

- All prices include VAT @ 17.5%
- Large showroom with parking
- Multi-million pound company
- Overseas orders welcome
- Educational purchase orders welcome

OPEN 7 DAYS A WEEK

Prices are correct at the time of going to press. Please check our latest prices before ordering. All sales are subject to our standard terms & conditions(copy available upon request). E&OE.

Telephone 0113 2319444

24 HR MAIL ORDER SERVICE FAX: 0113 231-9191

NEW! BBS Sales & Technical line Tel: 0113 231-1422

E-Mail sales@firstcom.demon.co.uk

AMIGA REPAIR CENTRE

We offer a FREE quotation on your Amiga or any peripheral (monitors, printers etc). A delivery tariff of just £5.00 is charged or alternatively you can visit our showroom. We can also arrange a courier pickup at an additional cost of £11.00.

EASY ACCESS FROM M62, M1 and the A1

From M62 Exit Join M1 From the M1 follow signs onto M621. Take the A643 Elland Rd turnoff from M621. Follow signs for A58. This merges with the Armley gyratory. From M62 West Junction 27, A62 to Armley gyratory. From the A1 take the turnoff for A64. This merges with the A58 (by-passing town centre) which meets Armley gyratory.

Hardware

It's Back

AMIGA A1200

New!! Amiga A1200' Amiga Magic Pack' Only!! £389.99 Chaos Pack £10

Includes, Wordworth V4SE, Datastore, Organiser, Turbocalc 3.5, Personal Paint V6.4, Photogenics 1.2SE, Pinball Mania & Whizz.

Amiga Magic Pack + 170Mb HardDrive Only!! £489.99 Chaos Pack £10

Includes same software pack as Magic Pack, But also includes Scala MM300.



Chaos Pack — Pack consists of: Nick Faldo's Golf, Pinball Fantasies, Syndicate, Chaos Engine

Chaos pack £10 when bought with any Amiga computer £19.99 if bought separate

AMIGA A4000T

MC68040-25 Mhz processor £2179.99

MC68060-50 Mhz processor £2469.99

●6Mb RAM expandable to 2 Gig max. ●1.2Gb SCSI-II Hard Drive ●AGA chip set ●Workbench 3.1 ●1.7Mb 3.5" Floppy Drive ●4 Channel Stereo ●Scala MM300 Pre-Installed

RAM Expansion

A1200 1 MB RAM Special price!!	£75.99
A1200 2 MB RAM	£119.99
A1200 4 MB RAM	£179.99
A1200 8 MB RAM	£324.99
A1200 2 MB & 33 MHz CO PRO	£159.99
A1200 4 MB & 33 MHz CO PRO	£199.99
A1200 8 MB & 33 MHz CO PRO	£329.99
PRIMA A500 512k RAM no clock	£19.99
PRIMA A500+ 1 Mb RAM	£29.99
PRIMA A600 1 Mb RAM no clock	£29.99
1 Mb 72 Pin SIMM	£37.99
2 Mb 72 Pin SIMM	£69.99
4 Mb 72 Pin SIMM	£113.99
8 Mb 72 Pin SIMM	£230.99
16 Mb 72 pin SIMM	£399.99
1 Mb 30 pin SIMM	£29.99
4 Mb 30 pin SIMM	£115.99
256 by 4 DRAM (DILs)	(each) £6.99
1 Mb by 4 ZIPPS	(each) £32.99
256 by 4 ZIPPS	(each) £5.99

Part exchange available on your old memory, Call for pricing.

Accelerator Cards

Viper II 28	£119.99
Viper II 50	£199.99
Apollo A1232-EC50 (Includes 2 Simm Sockets, FPU Socket & R/T clock)	£199.99
Apollo A1230-EC40 (40 MHz 68EC030, Optional 40 MHz FPU, R/T clock.)	£169.99
Apollo A1220-28 (Includes 28Mhz 68882 Co Pro & R/T Clock)	£99.99

CD ROM Drives

NEW!!

RENO Portable CD ROM

Prima shareware CD ROM Valued at £10 free with Reno drive



Requires SCSI Interface, eg Squirrel, GVP. £129.99

●SCSI-2 interface ●330k/sec data transfer, ●Battery or Mains powered ●Kodak multi-session CD ●Stereo headphones supplied ●180ms Access Time ●Audio CD operation buttons

Squirrel SCSI-II Interface* £45.00 When bought with drive, £54.99 separate

GVP 4008+ H.D./RAM card £99.99 SCSI II interface card for big box Amiga's.

aiwa ACD-300 — New Low Price

●Large LCD operation panel ●SCSI-2 interface ●300k/sec data transfer, 275ms access time ●Audio CD dedicated operation buttons ●Supports Kodak multisession photo CD

ONLY!! £165.99

FREE!! PRIMA Shareware CD ROM valued at £9.99, with every order for the AIWA ACD-300 drive.

"This is the best Dual Speed CD-ROM I've ever seen" Dave Taylor Amiga Shopper 90% Sept 95

Internal SCSI CD ROM drives

NEC 6Xi 6 speed Only!! £292.99

●900kb/s transfer rate ●145ms access time ●SCSI-2 interface ●Cache memory 256kb

Sanyo CDR H94A x2 Speed	£125.99
Toshiba 5201B x3.4 Speed	£158.99
Panasonic CR504B x4 Speed	£189.99

PRIMA SCSI Enclosures

These cases are suitable for housing any internal SCSI device, eg CD Roms etc.

Single Case £69.99 Dual Case £89.99

Full range of SCSI cables always in stock, from £9.99

Hard Drives

3.5" Hard Disk Drives with A1200/600 install kit (We recommend 3.5" drives be fitted by qualified computer engineers) inc. software, cables and instructions

420Mb..£143.99 540Mb..£174.99

850Mb..£199.99 1.05 Gig...£246.99

3.5" Hard Drive upgrade kit only!! £18.99

Includes set up software, cables and full instructions, no Hard Drive.

Fitting service available if required.

2.5" Hard Drives for A600/A1200 with installation kit inc. software, screws, cables and instructions

Seagate Fujitsu Conner

80Mb.......£89.99 130Mb..£109.99

250Mb..£139.99 170Mb..£114.99

340Mb..£189.99 510Mb..£274.99

810Mb..£489.99 1.0Gig...£629.99

Quantum TOSHIBA

All drives supplied by The First Computer Centre have a minimum 12 month warranty and are tested to ensure 100% compatibility.

Monitors

Microvitec Autoscan 1438

.28 dp, 15/38 KHz, all Amiga modes, AGA compatible. No audio, tilt & swivel stand.

only £274.99

*A1200's require an adaptor £6.99

Amitek 1084 S £199.99

14" Colour CGA Stereo Monitor, Composite Video, Digital RGB, Analog inputs.

AMIGA M1438S

Amiga Branded Monitor

Same specification as the Microvitec 1438, but also has built in Stereo £299.99

Disk Drives

NEW!! NEW!! NEW!! NEW!! Zip Drive £189.99

Includes:- HISOFT Zip Tools 1 X 100Mb disk

NEW!! NEW!! NEW!! AMITEK 1.76Mb

External Drive Only £84.99 The Ultimate Amiga Drive

Amiga External drive	£49.99
A1200/600 internal drive	£39.99
A500/500+ Internal drive	£39.99
A4000 replacement drive	£89.99

Peripherals

New Mega Mouse+ (3 button)	£12.99
Mega Mouse 400 dpi (2 button)	£11.49
True Mouse 300 dpi (2 button)	£10.99
AlfaData Crystal Trackball	£34.99
ZyFi-2 Speakers (8 watts/channel)	£26.99
ZyFi Pro Speakers (16 watts/channel)	£57.99
Amiga Modulator	£34.99
Amiga PSU	£34.99
Roboshift (Auto mouse/j.stick switch)	£9.99
Kickstart 2.04	£30.99
Kickstart 2.05 (for use in A600)	£30.99
CIA 8520A I/O controller	£18.99
68882 Co Pro 25mhz PLCC	£34.99
68882 Co Pro 33mhz PLCC	£44.99

Full range of Joysticks & Cables always in stock.

Turbotech realtime clock cartridge £17.99 fits any Amiga

SupraFAXModem

SupraFAXModem 288

● Up to 115,200bps (v42bis) ● Silent & Adaptive Answer ● V34 Standard ● NComm Software ● Class 1 & 2 Fax ● Unique LCD Display ● Flash ROM ● 5 Year Warranty

only £199.99

New!! 288 Express Modem Only £174.99 Call for details

SupraFAXModem V.32bis

This modem has full 14400 baud. includes V.32bis, V.32, V.22bis, V22, V21, MNP2-5, V.42, V42bis, Class 1 & 2 commands, 9600/14400 Group 3 Fax. Includes free modem comms (not Fax)s/w & cable

only £134.99

Is it a bargain the size of a Hippo's Bum! - You Betcha!! - Amiga Computing Oct. 1994

Supra modems are not BABT approved, however they perform as well & often out perform BABT approved modems. Supra Modems have a 5 year limited warranty

USRobotics — WE ARE PREFERRED USR DEALERS

Sportster 288 only £193.99 V34, 28,800 BPS, BABT approved

Courier V34+ Dual Standard £287.99 33,600 bps.

If you thought V32bis was fast try V34 (28,800 bps).

Tabby



only £59.99

The amazing new graphics tablet for the Amiga developed with First Computer. 94% rated in Amiga Shopper. Requires 2.04 WB or above.

Scanners

Power Scan v4. £89.99 — 256 g/scale on AGA Amigas, 64 g/scale non AGA

Power Scan Col. £174.99 — 24 bit colour scanner, 16.7 million colours

Alpha Scan 800 £99.99 — 800 dpi, 256 g/scale, works on all Amigas

Alpha Scan 256 £139.99 — 256 g/scale, full OCR software, HD req to use OCR

Epson GT 5000 £439.99 — Colour flatbed scanner Parallel interface built in. Art Department scanning software, price £99.99

CD ROM Software

New!! 17 Bit The 5th Dimension	£17.49
17 Bit Collection (Double)	£28.99
17 Bit Continuation	£14.49
17 Bit Phase 4	£14.49
17 Bit/LSD compendium 1 or 2	£16.99
New!! 17 Bit/LSD compendium 3	£16.99
Adult Sensations II (Over 18's)	£17.49
Aminet 6	£14.49
Aminet 7	£14.49
New!! Aminet 8	£14.49
Aminet collection(Boxset 4 CD's)	£24.49
New!! Amos Users CD Ver 2.	£16.99
Animations (Double)	£17.49
New!! Assassins 2 (Double)	£17.49
BCI Net 2	£8.99
New!! C64 Sensations	£16.49
CAM (Double)	£22.49
CD-PD 1	£8.99
CD-PD 2	£8.99
CD-PD 3	£8.99
CD-PD 4	£12.99
Demo CD 1	£8.99
Demo CD 2	£8.99
Euroscene	£12.49
Fractal Universe	£17.49
Fresh Fish 8	£27.49
GoldFish 1	£24.49
GoldFish 2	£24.49
Grafix Sensations	£17.49
New!! Groliers Encyclopedia 2	£25.99
Illusions in 3D	£8.99
Light ROM	£29.99
Light Works	£29.99
Magic Illusions	£11.49
Meeting Pearls II	£9.99
MultiMedia ToolKit 2 (2xCD's)	£27.99
New!! Network 2 CD	£12.49
New Price!! Prima CD Vol. 1	£9.99
Professional Gifs	£17.49
Professional Utilities	£17.49
Sounds Terrific (Double)	£17.49
Space And Astronomy	£16.99
New!! Speccy Sensations II	£17.49
The Beauty of Chaos	£13.49
Ten on Ten pack (10xCD's)	£37.99
New!! UPD Gold CD (4xCD's)	£27.99
New!! World Of Pinups 2	£14.99
WPD Hottest 4	£17.99
WPD Hottest 5	£17.99
Weird Science Fonts	£8.99
Weird Science Clipart	£8.99
Weird Science Animation	£16.99
New!! World Info 95	£34.99
New!! Zoom	£18.99

FREE!! Prima Shareware CD-ROM worth £10 with every order of CD-ROM software over £30

Printers

Canon

Canon BJ30 — Portable mono printer, 30 page ASF built in.	£184.99
Canon BJC70 Colour — Portable colour printer, 30 page ASF.	£289.99
Canon BJ200ex — High quality mono printer, virtual 720 dpi.	£207.99
Canon BJC4000 Colour — High quality colour/fast mono printing 360 dpi.	£289.99
Canon BJC600e Colour — Enhanced colour printer, virtual 720 dpi.	£412.99
Canon LPB460 Laser — 4 p/m, HP Laserjet II emulation.	£369.99

CITIZEN

Citizen printers have a 2 year warranty

ABC Colour printer — Simple (as easy as ABC) to use 24 pin printer. Comes as standard with 50 sheet Auto sheet feeder. Tractor feed optional at £34.99	£145.99
Projet II Colour — New colour inkjet printer with built in ASF.	£249.99
NEW!! Projet 3 mono — 720 dpi mono printer, 3 p/p/m, 3 year warranty.	POA

EPSON

New!! Stylus Colour II — 720 dpi, 4ppm Black, 2ppm Colour.	£335.99
New!! Stylus Colour IIs — 720dpi, 2.5ppm Black, 1ppm Colour.	£270.99
New!! Stylus 820 — 720 dpi, 2.5ppm Black, Colour Upgradeable.	£234.99
New!! Stylus Pro — 720x720 dpi, Photo-Real quality output.	£499.99
EPL-3000 Laser Printer — 4ppm, 300 dpi, 1Mb memory, 150 sheet ASF	£439.99

The perfect accompaniment for a high quality colour printer NEW!! GTX-5000 colour flatbed scanner ONLY!! £439.99

We would be happy to quote you on any make or model of printer that may not be listed.

star

Star LC90 9 pin mono — ASF built in, push tractor optional.	£107.99
Star LC100 9 pin Colour — 180 cps draft, 45 cps NLQ, Amiga drivers.	£129.99
Star LC240 24 pin mono — 192 cps draft, with ASF built in.	£123.99
Star LC240C 24 pin Colour — ASF built in, 4 LQ fonts.	£145.99
Star SJ144 Colour — Colour thermal transfer printer, low running costs, 3 p/p/m mono, 1.4 p/p/m colour.	£229.99

HEWLETT PACKARD

New!! HP340 Portable — Colour upgradeable portable printer	£224.99
New! HP600 — Colour upgradeable 600 dpi mono inkjet/ Col. Kit £41.99.	£242.99
HP 660 Colour — New colour inkjet from HP.	£319.99
HP850 Colour — 600x600 dpi up to 6 p/p/m mono, 3 p/p/m colour	£429.99
New!! HP 5L Laser printer — 4 p/p/m 600 dpi	£449.99
New!! HP 5P Laser printer — 6 p/p/m 600 dpi	£715.99

Miscellaneous

Printer Switch Box 2 way	£12.99
Printer Switch Box 3 way	£17.99
Printer Stands (Universal)	£4.99
1.8 Metre printer cable	£4.99
3 Metre printer cable	£6.99
5 Metre printer cable	£8.99
10 Metre printer cable	£12.99
Parallel port extension cable	£9.99

Consumables

Ribbons

Citizen Swift/ABC mono	£3.99
Citizen Swift/ABC colour	£12.99
Star LC90 mono ribbon	£4.99
Star LC10/100 mono	£3.69
Star LC10/100 colour	£7.99
Star LC240c colour	£13.99
Star LC240c mono	£8.99
Star LC240 mono	£5.99
Star LC24-10/200/300 Colour	£13.99
Re-Ink Spray for mono ribbons	£11.99

We stock a wide range of consumables for all printers Lasers, Dot Matrix and Inkjets old and new.

PREMIER-INK Cartridge Refills

Save a fortune in running costs with your ink/ bubble jet. Compatible with the HP Deskjet series, Canon BJ10/20/80/130/200/300/330, Star SJ48, Citizen Projet and many others. Full range of colours available.

Single refills	(22ml)	£6.99
Twin refills	(44ml)	£12.99
Three colour kit	(66ml)	£19.99
Full colour kit	(88ml)	£27.99
Bulk refills	(125ml)	£24.99

Printer repair specialists call for quote

Ink Cartridges

Canon BJ10/Star SJ48	£19.99
Canon BJ200/230	£19.99
Canon BJ30 (3 pack)	£13.99
Canon BJC-70 mono (3 pack)	£12.99
Canon BJC 70 colour (3 pack)	£16.99
Canon BJC 4000 colour (single)	£16.99
Canon BJC 4000 mono (single)	£7.99
Canon BJC 600e mono high cap.	£28.99
Canon BJC 600e mono high cap.	£10.49
Canon BJC 600e colour	£8.99
HP. Deskjet colour	£26.99
HP. Deskjet double mono	£24.99
HP. Deskjet 660 double mono	£25.99
HP. Deskjet 660 colour	£27.99
Epson Stylus mono	£15.99
Epson Stylus colour	£36.99
Epson Stylus Col. II/S/820 Mono	£17.99
Epson Stylus Col. II/S/820 Colour	£24.99
Epson Stylus 820 colour upgrade	£94.99
Star SJ144 mono/colour (single)	£8.99

Covers

All printer dust covers	£5.99

Paper

Fanfold (tractor feed) 500 sheets	£4.99
Fanfold (tractor feed) 1000 sheets	£8.99
Fanfold (tractor feed) 2000 sheets	£17.99
Single sheet 500 sheets	£4.99
Single sheet 1000 sheets	£8.99
Single sheet 2000 sheets	£17.99
Epson Stylus 720 dpi paper pack	£22.99

Disks

Bulk DSDD

10 x £3.49	100 x £29.99
30 x £9.99	200 x £54.99
50 x £15.99	500 x £118.99

Branded DSDD

10 x £4.99	100 x £35.99
30 x £12.99	200 x £63.99
50 x £25.99	500 x £142.99

Bulk DSHD

10 x £3.99	100 x £33.99
30 x £11.99	200 x £59.99
50 x £17.99	500 x £134.99

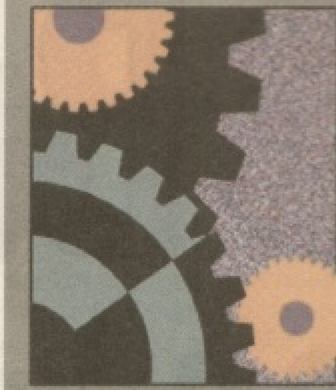
Branded DSHD

10 x £5.99	100 x £47.99
30 x £15.99	200 x £84.99
50 x £25.99	500 x £190.99

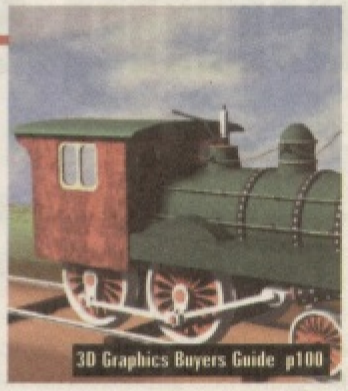
Disk labels x500 £6.99

Disk labels x1000 £9.99

AMIGA workshop



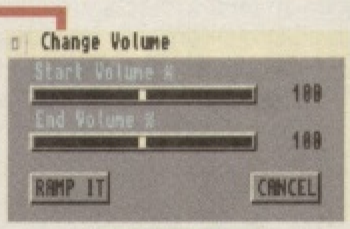
Bathroom tiles and Christmas cards star in our final Image FX tutorial. And as we say goodbye to Image FX we say hello to the first tutorial on AudioMaster IV, our November cover disk. Then it's on to embroidery and compliment slips with PageStream and DPaintV. Finally as well as the usual helping of questions and readers letters there's the revelation that Windows '95 is good for the Amiga. Well, Andy Leaning thinks so ...



3D Graphics Buyers Guide p100

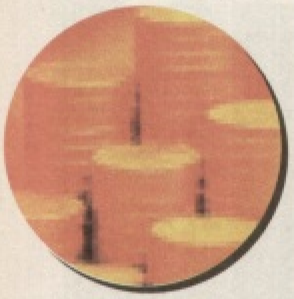


DPaint V p108



AudioMaster IV p114

Regulars



Buyers Guide

3D Rendering software

Amiga 3D rendering software can produce incredibly lifelike images and animations. Which package is right for you? Take your pick from the main contenders.

3D graphics is one area of the Amiga scene that's really kicking off at the moment. All of the major 3D rendering packages are constantly being upgraded in the race to become the Amiga's top 3D graphics system. While this fierce competition means plenty of hard work for the software developers, it's good news for the rest of us who reap the benefits of the ever more powerful software.

Why would you want to use a 3D rendering package? Apart from the obvious fun element, there are plenty of useful and lucrative uses for the software on these pages. At the lucrative end, there's pots of cash to be made from creating animations and sequences for TV programmes and adverts. All the big action movies make extensive use of *LightWave* and similar systems. CD-ROM games are also plastered with 3D animations and you can always generate sequences and images to spruce up your own computer and video productions. If you want a job in movie special effects, you could do a lot worse than send Steven Spielberg a video CV. Get the idea?

The basics

All of these packages work along similar lines. Objects are created in a 3D environment or with a combination of side, plan and front views and initially viewed as wire frame constructions. At this stage the objects have no surface colour information, so they need to be coloured, or for maximum realism, covered with 'texture maps' which are image files that are wrapped onto the surface of the objects. Once a few light sources have been placed around the scene it's ready to render into full colour 3D. This is sometimes called ray tracing, as rays from the light sources are bounced off the surfaces of the objects and traced around the entire scene to produce realistic highlights, shading and reflections.

Animations are created in the same fashion, but movement paths are defined before the rendering begins. Rendering even the simplest scenes can take a while, so small test renders are commonly used to check that everything is in place before the real rendering begins.

Requirements

A hard drive is essential, along with plenty of RAM. 'Plenty' can be anything from 2Mb to 100Mb or more, depending on the scale of your projects and the software you use. An AGA Amiga is preferable for decent results. Perhaps surprisingly, 256 colour AGA screens are often sharper and more defined than 4096 colour HAM-6 screens (the best output offered by non-AGA Amigas). AGA's HAM-8 mode is the best of the lot and can be indistinguishable from full 24-bit colour.

We've compiled this guide to the prominent Amiga 3D rendering packages to help you decide which is best for you. Take your pick ...

Cinema 4D 2.1

Supplier: HiSoft

Tel: 01525 718 181

Price: £199.95

Cinema 4D is causing quite a buzz at the moment. Reviewed in the November 1995 issue of CU Amiga Magazine, this German developed ray tracer has just received its first translation to English, giving the rest of the world the chance to enjoy the Amiga's most intuitive 3D graphics system.

Cinema 4D manages to offer a wide range of advanced modelling and rendering features without demanding too much from your Amiga. It's possible to use the system in as little as 2Mb of RAM, although serious projects will require more memory. This is partly due to its modular approach and the way it uses separate interlocking programs for various different tasks. Many of its competitors call for four or five times the amount of RAM just to get started! Everything about the system has been designed for quick and easy use, to the degree that simple scenes can be created before you've even looked at the manual. Although it may not have all the advanced features of some of its rivals, *Cinema 4D* is still powerful enough to create some excellent scenes and animations. For anyone new to the world of 3D rendering, *Cinema 4D* is an ideal entry point and should also be considered by more seasoned artists.



Imagine 3

Supplier: Emerald Creative

Tel: 0181 715 8866

Price: £99.95



A firm favourite among many long-serving Amiga users, Imagine is regarded by many as the best all-rounder, taking into account system requirements, features, speed and results. Its main failing is in its user-friendliness, which doesn't score too highly. However, once you get used to its workings, it can be the fastest way to generate stunning 3D pictures and movies.

Animation is one area in which *Imagine* shines particularly brightly. Features such as morphing and tweening take a lot of the hard work out of setting up movement paths, while the Bones feature allows objects to be joined together and moved as they would in real life. If value for money is a priority, *Imagine* should rank highly on your shopping list, as it offers a heck of a lot for just £99.95 which is a bit of a bargain in the 3D rendering market.

LightWave 4

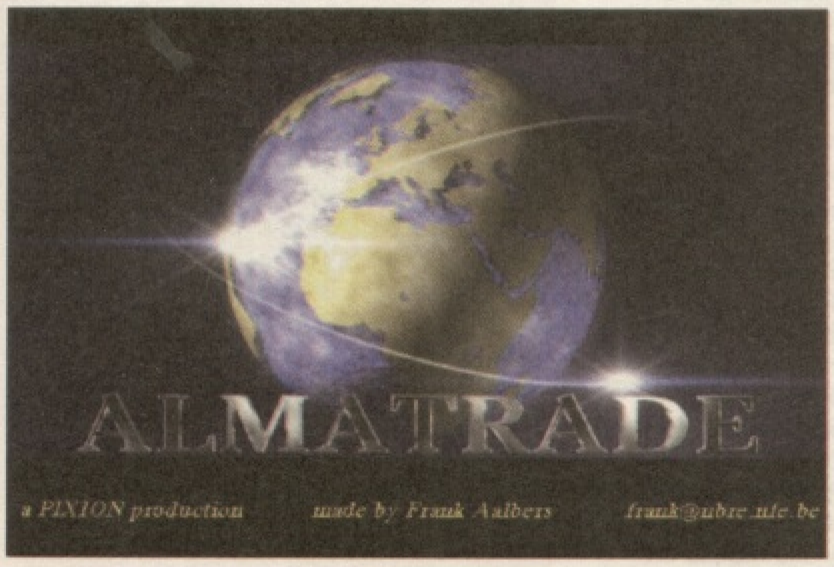
Supplier: Premier Vision

Tel: 0171 721 7050

Price: £816.13

The cinematographer's choice: *LightWave* could be held responsible for getting Amigas installed in countless TV, video and film production studios, particularly in the USA. Its creators NewTek, who should be thanked for turning the world onto the Amiga 1000 its early days, used to sell *LightWave* with their Amiga-based VideoToaster (an NTSC-only video effects system). *LightWave* was later released as standalone software for all Amigas and has now just reached version 3.5.

While it requires a big Amiga to run (stacks of memory and hard drive space) it really does the business. No doubt you've heard of the many big-buck productions that have used *LightWave*: Babylon 5, SeaQuest DSV, Michael Jackson's videos and more. Its animation and modelling features are second to none, and if you have an Amiga that's big enough and fast enough to do it justice, you won't want to use anything else.



Real 3D 3.0

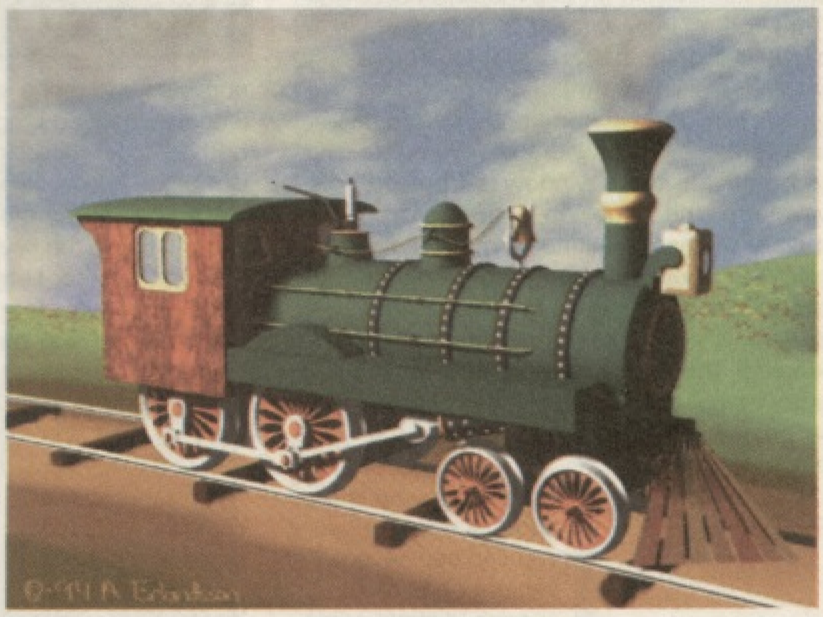
Supplier: Activa International

Tel: 0181 402 5770

Price: £399.95

As the name suggests, realism is the key point here. Although it's not immediately obvious, *Real 3D* works in a slightly different way to most 3D rendering software. *Real 3D* objects are 'solid' models, rather than empty shells made from lots of flat surfaces. *Real 3D* can also render objects with curved edges (referred to as 'B-splines'). Rival systems would have to use many smaller surfaces in conjunction with smoothing algorithms in order to simulate curves.

Bags of other tricks are employed to make *Real 3D* scenes and animations more realistic than the rest. For example, simulations of glass and other see-through materials are accurately created, while there's lots of help in generating living objects including a skeleton 'kinematics' system and shrink-wrap texturing for clothes and skin effects. Hardcore power users can even make use of the in-built programming language. Mainly due to the solid modelling techniques, rendering times can be long and for the same reason general operation speed is low. Wireframe screens can take quite a while to draw when working with complex objects. To use *Real 3D* practically you will need a fast Amiga. We recommend a 68040-based Amiga or better. However, the resulting images and animations are often streets ahead of those of its rivals.



Caligari 24/Broadcast

Supplier: Emerald Creative

Tel: 0181 715 8866

Price: £89.95/£249.99

Caligari is available in two editions: *24* and *Broadcast*. Neither version offers full ray traced rendering, opting instead for 'scanline' rendering. The advantage of this is that rendering times are much shorter than with the other packages covered here. The other main selling point of *Caligari* is its user-friendly interface and fast 3D wireframe scene previews. Unfortunately the rest of the Amiga's system is temporarily disabled while running *Caligari* so you can't multi-task it with other programs.

Caligari Broadcast is the big brother of the pair, and offers extra animation tools and 24-bit output (unlike *Caligari 24* strangely). If rendering speed is your top priority, then *Caligari* is well worth a look.

OctaMED 5.04

PART 2

Innocent sample waveforms are totally destructed in the name of creative expressionism.



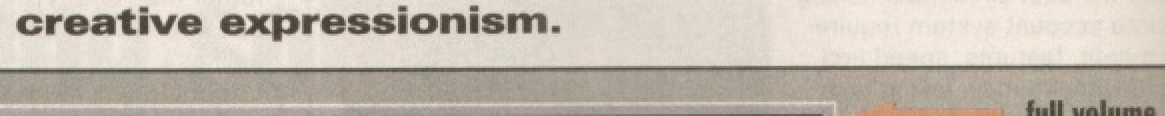
Bend it, stretch it, shape it. There's no end to the amount of fiddling about you can do with a waveform in *OctaMED*. To let you try it out for yourself there's yet another sample on this month's cover disk – TimeForBed in directory CU_121:Samples – so load it in. Even better, add it to your sample list first (see last month).

Click Edit Sample (top-right) to open this month's focus window, the sample editor. The black squiggle in the window is TimeForBed's 'waveform', the sample in picture form. The thrust of the sample editor is manipulating this waveform: move this bit to there, change the volume of that bit and so on. By the time you've finished the sample can be completely mangled! The white line along the waveform's centre marks zero volume; the further a particular point is from this line, the louder the point's volume.

The speech sample we'll be studying is a good example because you can see seven separate bits of speech (distinct squiggles). Try 'marking a range' over each of the bits, see box-out (marking ranges) for a guide, and play them by clicking play (bottom-left). Notice the marker moving across the range as it's played. See the pitch box near the bottom-right? This is why the ranges sound a bit low: the playing pitch is set to C-2. Set the correct pitch (C-3) by holding the left mouse button on the box containing C-2 and pressing I (the C-3 key). Should be better now. Try setting other pitches too, I recommend G#3 but put it back to C-3 when you're done.



Now it's time to thoroughly mess up the sample: we'll rearrange and remove waveform bits until we have 'goats for bed' instead. Firstly we'll take out the first waveform bit, 'time'. Its exact positions are 0 to 4829, so type these numbers into range start and end (see the marking ranges boxout). Play the range (play button) – is it time? – then click erase (bottom-middle). Play the newly-edited sample using the keyboard. Next we'll remove 'for Lebanese', the middle two waveform bits. Roughly mark a range over them (by dragging), then referring to the same box-out, adjust the left side (range start) to 6751 and the right side to 18908. It'll take practice but you can always type in the positions if your mouse hand's a bit shaky! Once marked, play the range, click erase and play the new sample.

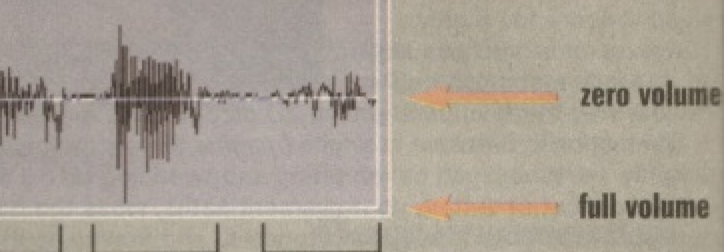


Now all you need to do is cut and paste 'goats' to the start. The range start is already at the start of 'goats', so adjust the right side of the range to the far right of the sample (range end should be 15109) and play the range as a check. Click cut (next to erase) to cut 'goats' to the copy buffer. Finally, set both range start and end to 0 using the box-out's ctrl-x technique and click on paste (bottom-right). Play the whole sample; hopefully it's turned into 'goats for bed'.

Zooming in

The more-than-slightly astute among you may have noticed that, as a result of the last pasting, the waveform has been magnified. See the black scroll bar just below the waveform? That shows you which bit of the waveform is being displayed, roughly the left half. Drag the scroll bar (to the right initially) to move around the waveform, or use the left/right arrow keys. On the top row, the buffsize box shows the length (in bytes) of the entire sample, the display box the length of the bit currently displayed.

But how do you magnify and reduce the display? Use zoom in and zoom out (bottom left). Notice the display box value halving with zoom in and doubling with zoom out. Another way of zooming in is by marking a range, then magnifying this range to fill the display by



Marking Ranges

A range is an area of sample waveform highlighted in white. Only one range may be marked at once.

- **Mark a range by dragging the mouse over the waveform while holding the left mouse button.**
- **To adjust the left side of the range (range start), hold the shift key while holding the left mouse button on anywhere to the left of the range. Then move the mouse. Similarly for the right side (range end).**
- **To mark more precisely, zoom in before marking. Alternatively, type exact positions into the range start/end boxes (top-right) – click inside the appropriate box, type a number, press Return. To quickly set a box to zero, press Ctrl-X instead of typing a number.**

cking show (bottom-left). Click play display beside zoom in) to play the current display. When you've finished, click Show All (underneath play display) to show the entire sample.

Echoes of my mind

Perhaps at this point you'd like to save the doctored sample. Use any save item in the project menu, although raw's the most compact. AIFF and MAUD are really for Aura 16-bit samples, and 'save sample as' saves as IFF 8SVX which also stores sample loop information (see later) but we haven't set a loop, so ...

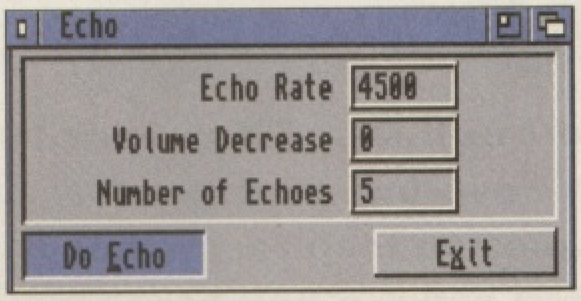
Special effects time! We'll make the 'bed' at the end of the sample echo away to nothing. First we have to add extra space after the 'bed' to accommodate the echoes. So extend the sample to, say, 40000 bytes by typing 40000 into buffsize (just like typing into Range start/end – remember to press Return). Clear will wipe the sample out, so click retain in the requester that appears. See the extra space?

Next we mark a range over both the 'bed' and the space by typing in 11044 to 39999. Then open the echo window (effects menu). You'll see there are three settings to Set, although we'll ignore volume decrease. Echo rate is the distance in bytes between each echo; change it from 400 to 4500. Set number of echoes to 5 and finally click Do Echo. Some time later if you have a slow Amiga like mine, *OctaMED*'s number crunching will be complete and you're free to play the newly-echoing instrument after closing the echo window.

Now, you'll notice that there's a bit of unused extra space at the end. Usually I'd advise selecting Edit Menu -> Remove Unused space, but this removes a little too much "extra Space" this time (i.e. the final echo!). So mark and erase the range 37605 to 39999.

Working with special effects involves a lot of trial-and-error and luckily *OctaMED* provides a 'snapshot' feature to save you grief if those settings you thought were perfect turn out to ruin your creation. So before our next effect (change volume), click >buffer (bottom-middle). This copies the whole sample to the copy buffer for later retrieval.

Most effects, including change volume, affect the marked range rather than the whole sample. So to affect the entire sample, you have to mark a range over the entire sample (if you get me). There's a quick way to do this -

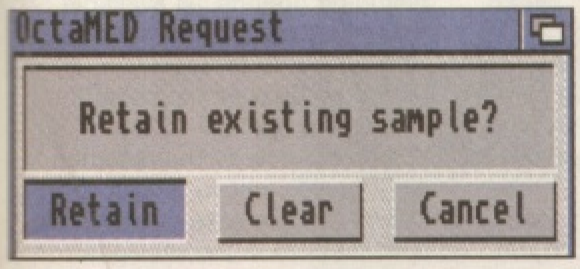


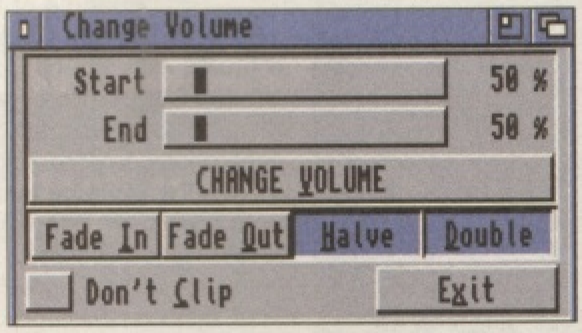
click range display (above >buffer) now. Next, open the Change Volume window (effects menu) and gaze at its myriad of features. The start and end sliders are the range start and end's percentage volume changes; for example, 50% and 200% would slide the range's volume up from half-volume to double-volume. However, we'll stick to the four easy presets underneath the Change Volume button.

Click the halve preset and play the newly-half-volumed sample. Click double to reverse the change, then click double again. Notice the ugly distortion? You can only change the volume so far before the maximum limits are exceeded (although Don't Clip prevents this). Close the Change Volume window and recall the copy buffer by clicking sample<. ■



Ed Wiles





Do Anything Just For Effect? Take Your Pick



• CHANGE PITCH retunes the sample. For example, to play note G-2 when you press the C-2 key, set the source and destination notes to C-2 and G-2 respectively, then click Change Pitch. Raising the pitch shortens the sample and vice-versa.

• MIX mixes the current sample (source) with the copy buffer (destination). The sliders adjust the relative volumes.

• FILTER/BOOST reduces noise or brightens the range. Averaging controls the strength, Distance controls the number of bytes that will be averaged. Averaging controls the severity of the averaging.

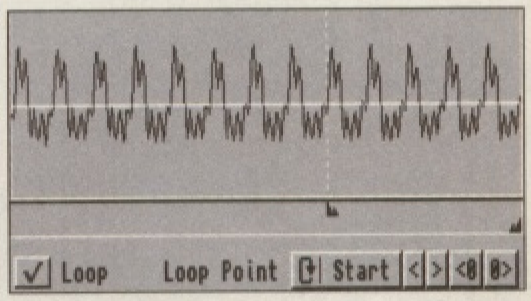
• CREATE NOISE adds hiss to the range, seemingly useless but use your imagination!

• CREATE CHORD creates two to four-note chords out of the sample; just enter the notes and click Create Chord. Saves tracks when you're composing.

Sample Some Of These Editing Tips

• Use monitor and digitize together with a sound sampler to do your sampling. Type the required sample size into buffsize first (maximum 131072 bytes), then click monitor to open a window that shows what's coming through your sampler. Adjust the input signal's volume level until there's no distortion, then close the window and click digitize to start sampling (interrupt with the right mouse button). The sampling rate is controlled by the pitch boxes.

• A 'sample loop' sustains instruments by constantly repeating a certain part of the sample. To set it, switch loop on (bottom-left); two 'loop pointers' appear at either end of the waveform, marking the repeated sample part. Adjust these pointers by dragging their small black triangles across the display, or by using the loop point gadgets. The < > gadgets move one of the pointers left or right (select which one



with the Start/End cycle gadget); <0 and 0> search for zero values which can be good loop points.

Alternatively, open the instrument parameters window (see last month) and type exact positions into the repeat and RepLen boxes. Repeat is the loop start position, RepLen the loop length (not the loop end!). Back in the sample editor, remember that zooming in allows really accurate pointer positioning. Any constantly repeating waveform shape in the sample is often a prime target for a loop – the AcGuitar sample on last month's cover disk is a good example.

• Switch **FREEHAND** on (bottom-left) then draw on the waveform with the mouse, just like *DPaint*. It's very exact, though, so you have to be highly zoomed in; the maximum display size is 628 bytes!

• Other range-affecting gadgets should be self-explaining. **REVERSE** is a great one for speech samples and uncovering dodgy hidden messages!

And in the Edit menu:

• **INVERT** turns the range upside-down. Find a use for it and I'll be gobsmacked. **CHOP** erases the whole sample except the ranged part (like Audiomaster's Keep).

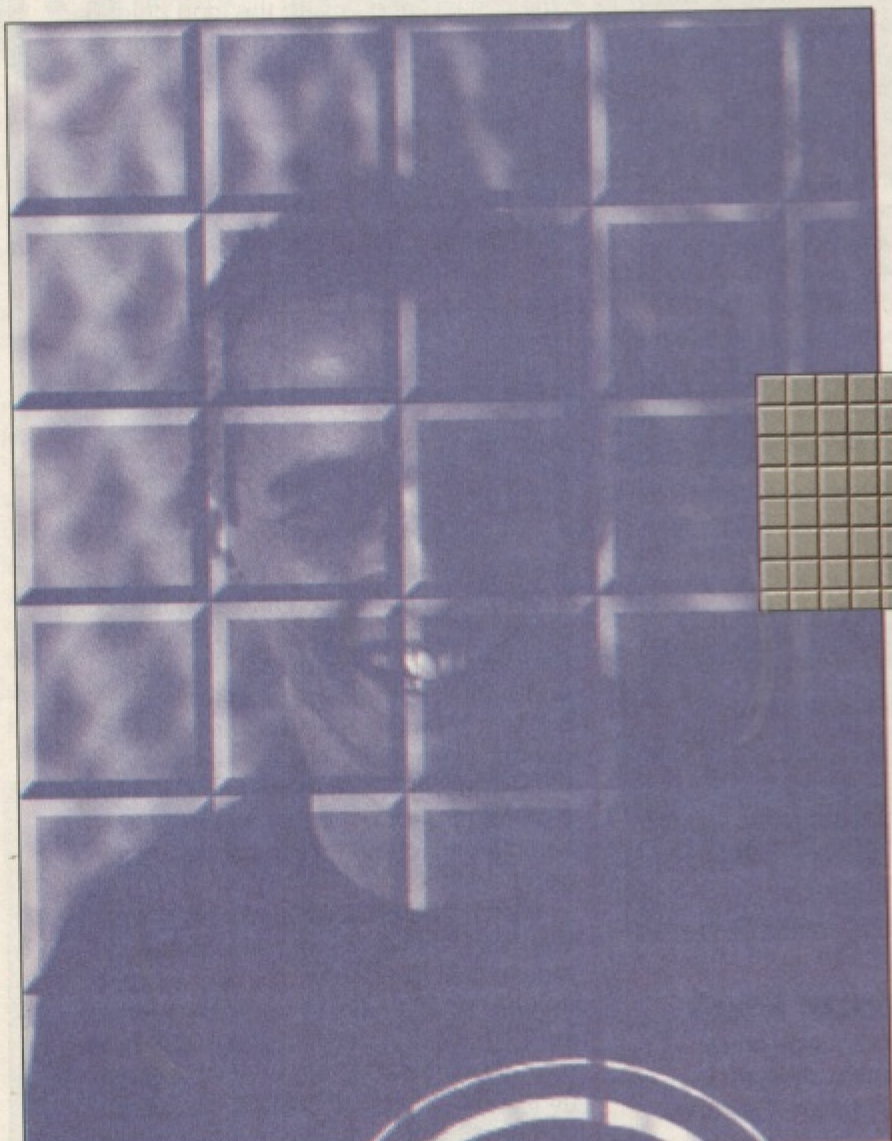
• **COPY TO SYNTH EDITOR** copies the first 128 ranged bytes to the synthetic sound editor, our tutorial subject in a few months' time.

• **PLAY BUFFER CONTENTS** and **DISCARD COPY BUFFER** act as a memory jogger and a memory saver (clever eh?).

Image FX

PART 6

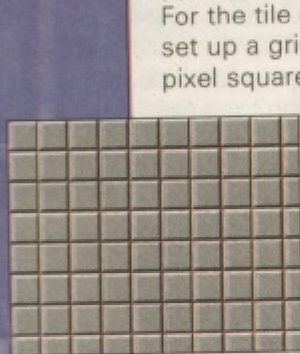
In this, the last of our Image FX cover disk tutorials, we'll be covering a range of ideas and techniques to inspire you to previously unscaled artistic heights.



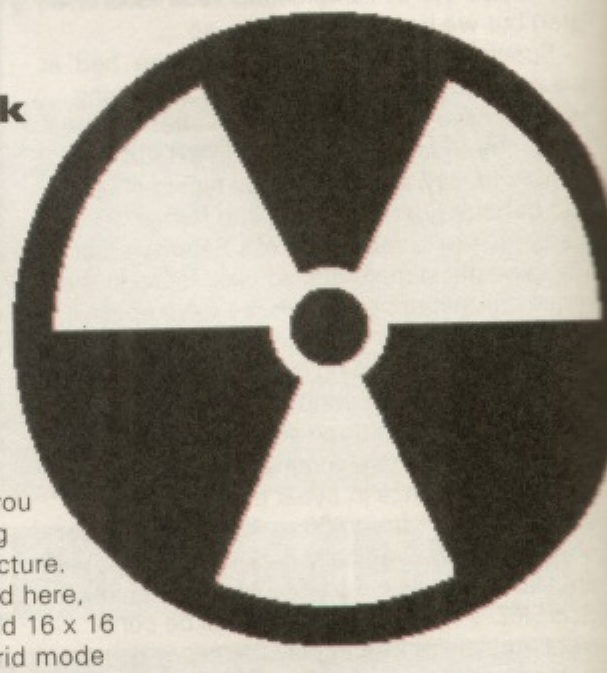
▲ Some people have mirrors on their bedroom ceilings, others have their portraits printed onto their bathroom tiles. On second thoughts, maybe I'll just stick to those tessellating flower patterns.

Have you ever wondered what your bathroom would look like with a picture printed on the wall tiles? No, neither had I until I came up with this effect. It's quite simple to create and the theory can be used to add other textures to any pictures you may have. It works along the lines of the Break the Sound Barrier picture we created last month, using a grey pattern as an alpha channel.

The alpha channel is just a normal picture, created with *DPaint*. It could have been created with *Image FX* but *DPaint* is quicker for simple images like this. To keep things simple, you should set up a palette ranging from black through grey to white. The black parts will make the main image darker, the white parts will make the main image lighter and the middle grey tones will leave the picture as it was. Bearing this in mind you can set about creating your alpha channel picture. For the tile effect used here, set up a grid of around 16 x 16 pixel squares. With grid mode switched on, draw the top and left sides of one square in black with a fairly thick pen size. Now draw the right and bottom sides in white, then fill the middle of the square with grey. Pick up the square as a brush, click the fill icon with the right button to enter the options and select Fill From Brush. Now you can click anywhere on the screen to fill it with tiles. Save this screen out to disk and quit *DPaint*.



From within *Image FX*, load your main picture into both the main and swop buffers and load the alpha channel using the Alpha button from the main control panel. Select a filled rectangle from the drawing tools, and double click it to access the options. Switch the Mode button to Rub Through, Blend to 50% and Alpha to Use as Texture. Now drag a rectangle from the top left of the screen to the bottom right. The alpha channel will affect the main picture and turn it into a set of bathroom tiles.



More than your bikini ...

Why not use *Image FX* to further your enviro-political cause? This picture started life as a postcard from the tropics. It was then put through a solarise effect to give the sky and sea an unreal quality. *Image FX* offers a few colour changing options, all available from the Colour button. If none of them seem to fit the bill, try using the Custom selection for interesting results.

The shadow of the radiation symbol was initially drawn in *DPaint* (for the sake of speed as with the tiles in the previous example). This was then loaded



▲ You don't have to smother your images in effects. Sometimes subtle treatment is all that's needed to get the message across.



▲ **This haunting image was very simple to create. The original image was a close up of an eye taken with a camcorder and ProGrab 24RT. This was then flipped horizontally and pasted back beside the original.**

into *Image FX* along with the postcard picture in the swop buffer. The symbol was cut out and pasted down onto the solarised postcard using a 40% Blend setting. Finally the text was added using the standard text tool.

Merry christmas

How about sending some personalised Christmas cards this year? If you've got a camcorder and a video digitiser, or alternatively a scanner, you can take pride of place on all your friends' mantelpieces over the festive season by slapping your mugshot on all your cards!

The background was made with a combination of effects. First of all a small portion of a picture was cut out, then expanded far beyond its original size using the Smooth scaling mode. This avoids jagged pixelated edges by blurring the edges. Parts of it were then warped with the Wave tool and various other tweaks were made. Finally it was twisted with the Twirl function.

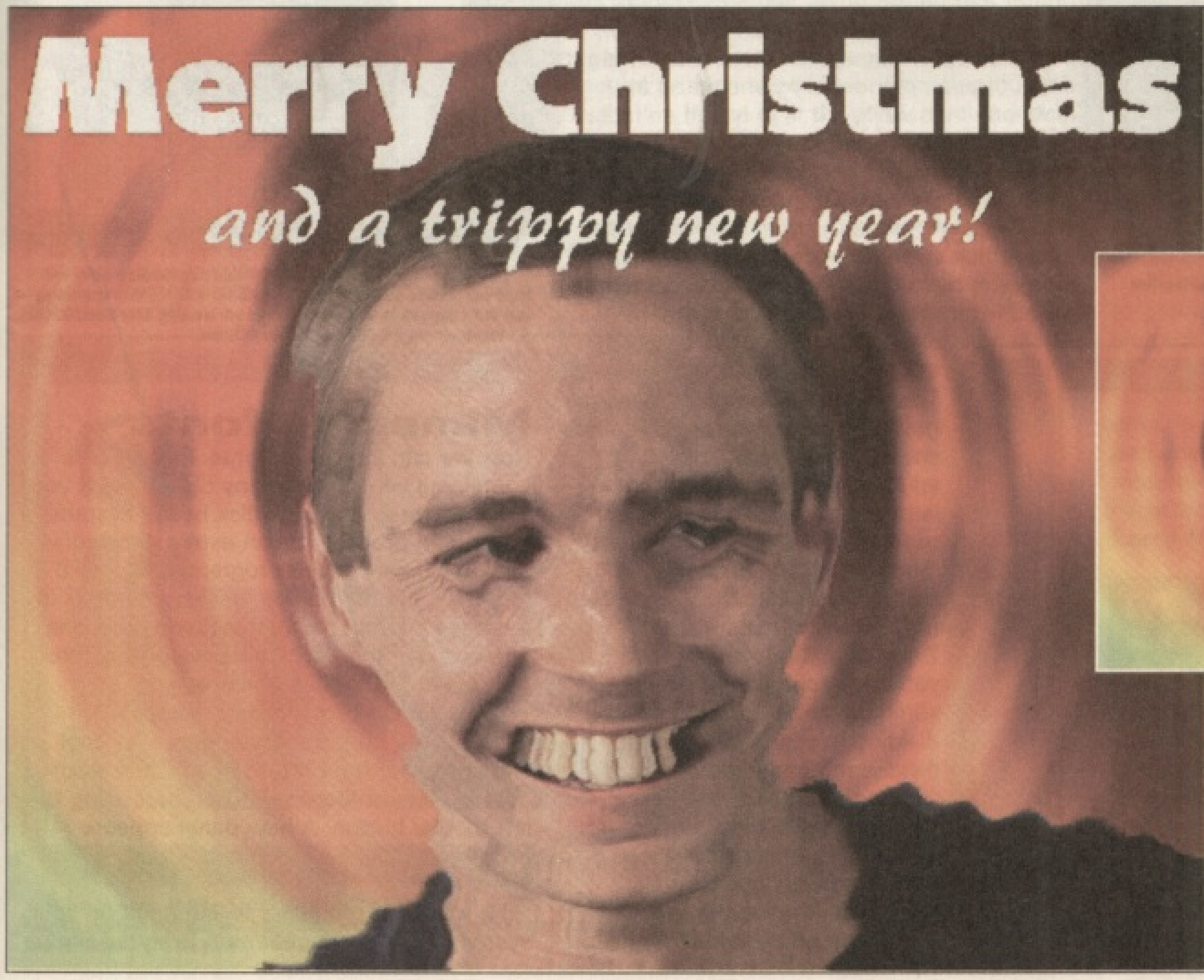
Next up was the foreground mugshot. This was scanned from a colour transparency, cut out from the background and pasted onto the swirly red backdrop, with anti-alias turned on to smooth out the edges.

The wave effect was simply applied using the Wave option from the Effect menu. The text had to be legible, so this was put on after the wave affect using the text tool.

Experiment

To finish off with the greatest tutorial cliché of them all, experimentation is the key with Image FX. Some of the best results are often created by accident and curiosity. Use your imagination and dig deep into the menus, combine multiple effects and generally mess around. It's also fun to take inspiration from the media The chances are, anything you see on a poster, on TV or in a magazine can be recreated with *Image FX* and your Amiga. Send us your best work for inclusion in our Art Gallery section. ■

Tony Horgan





That's your lot!

And so we find ourselves at the end of the Image FX tutorial series. I hope you've enjoyed our monthly jaunts into visual trickery as much as I have. See you around.

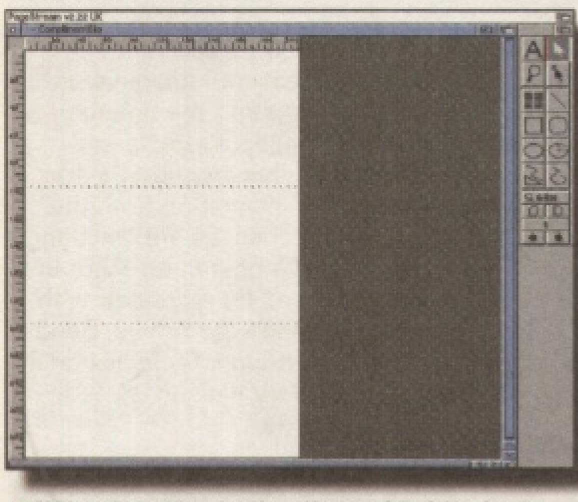
Pagestream 2.2

PART 2

With compliments ... This month we expand your Pagestream stationery set with some compliment slips.

Over the last few months I have had many people writing to me and asking how they can add new fonts to use with *PageStream 2*. Their question and many more will be answered in this month's tutorial showing you how to make a stationery set without really trying.

Last month we looked at several subjects, including creating pages for our stationery set as well as adding guides, those ever so useful non-printing lines which make the placing of elements on a page such a breeze.



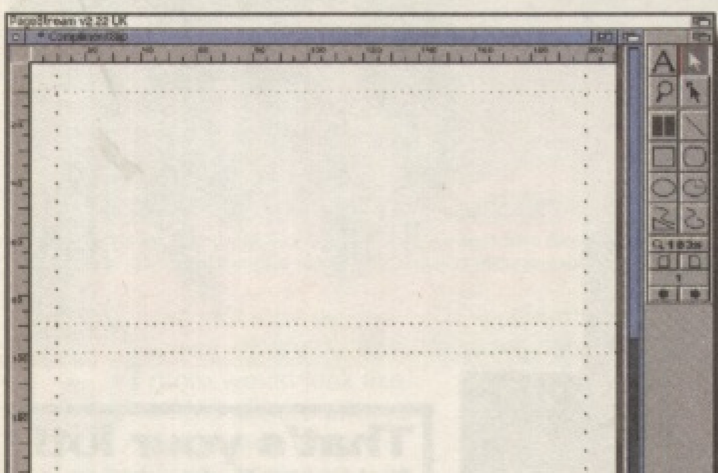
▲ Divide an A4 page into three by making use of the Guides function in PageStream.

We are now going to take the publishing process a stage further by creating some of the textual elements for your compliment slips. The design of these should be very similar to the one used for the letterhead last month, with only slight changes being necessary so all the elements can fit onto a different shape page.

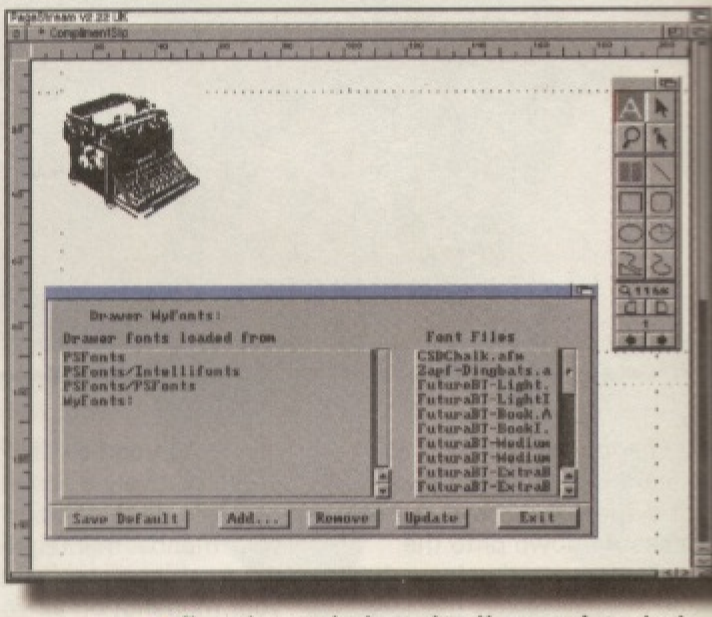
Most compliments slips are made by splitting an A4 sheet of paper into three horizontal strips (one for each slip). Before you go ahead and create the first compliment slip, you will need to make a note of the margin required at the bottom of the page. This margin is the one dictated to you by the printer (or printer driver) and the area on the page it can print to.

This amount will vary depending on what printer and printer driver you are using. If you can only print to within an inch of the bottom of your page, then the bottom margin on all the compliment slips should be at least one inch while if it is only half an inch, you can use this amount as your minimum bottom margin.

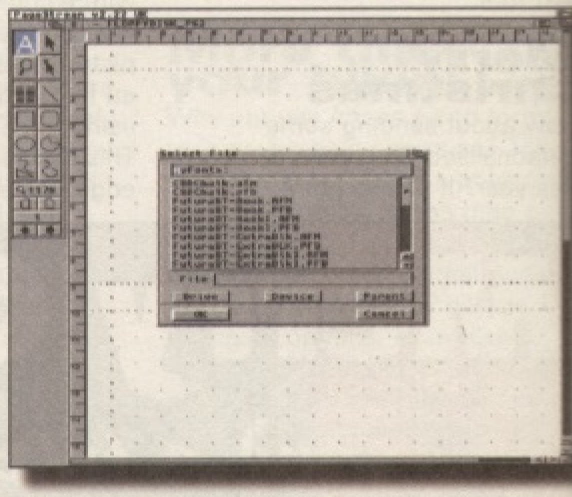
To begin the tutorial, start by loading or creating an A4 page. As with last month and in common with the government's wishes, I am going to continue to work in a metric unit called millimetres. For three compliment slips, the page has to be divided into three horizontal sections. This can be achieved by placing a guide 99mm down the page and another at 198mm. This gives you a visual idea of how the page is to be divided. Zoom into the top half of the page by choosing 'Show Full Width' from the View menu. We can now work on the first compliment slip.
Transfer that bottom margin to your first compliment slip by adding a guide above the first dividing line (one of two that divides the page into three). It's also a good idea to use more guides to mark out your top, left and right margins as well. For continuity with last month's letterhead, import the same picture for your compliment slip.



▲ With the use of guides you can map out the area of the compliment slip you are going to use for your elements.



▲ Choose the text tool and proceed to add some new fonts using the Font Manager.



▲ This is the PageStream requester for choosing the location of the fonts you want to add. Keep clicking on Drive until the disk containing your fonts appears in the listview. If you are working from a hard drive, the requester you get will probably be different.

Managing fonts

Now we can add some fonts. Place a disk containing your fonts in any disk drive. If you are working on a floppy disk based system, this would probably be an external disk drive so you can leave your program disk in DF0. However, the best place for these fonts is in a drawer on your hard drive if you have one. The name of the disk I'm using for this tutorial is a highly original: 'MyFonts'.

Click on the text tool and choose Fonts/Points from the Style menu. A panel will appear, at the bottom of which is a button called Font Manager. Click on it using the left mouse button. A new panel appears. Click on Add and a requester actually will show itself.

The type of requester will depend on your system. Running *PageStream* from the floppy

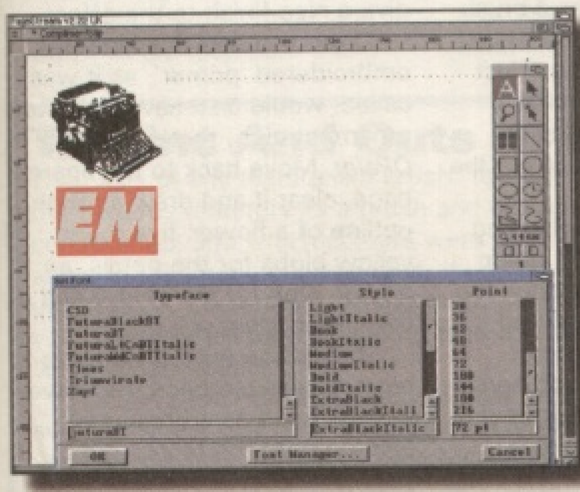
Jargon Points

POINTS: Text and other publishing attributes are measured in a unit called points. These are very small (there are around 72 of them to an inch).
TEXT OBJECT: A piece of text that can be stretched both horizontally and vertically.
TEXT COLUMN: Text that is placed in a frame. Frames can be linked and resized without distorting the text within them.

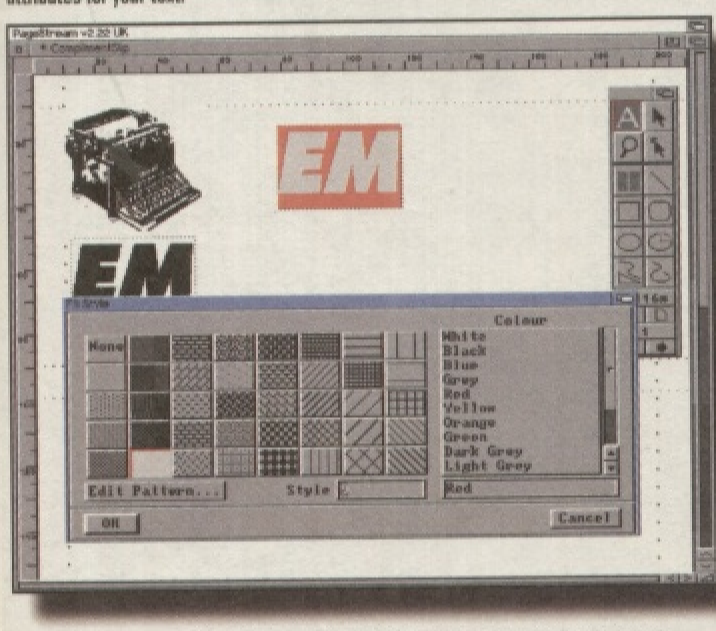
disks you'll probably get the *PageStream* requester. If an ASL.library is present in your Workbench Libs drawer (like it would be if you are using a hard drive), a normal Workbench requester will be used.

Concentrating on those with floppy disk drives, I will presume your *PageStream* disks are the same as mine. If so, the requester will have a button on it called Drive. Click on it and keep on clicking on it until you see the name of the disk containing your fonts in the Text gadget at the top of the panel. Your fonts should also appear in the listview under the disk name. You don't need to choose a file or a specific font to add – just tell *PageStream* the disk name or drawer (plus path) of where the fonts are and it will add the fonts automatically. Providing that is, the fonts are the correct type like PostScript Type 1 for example. If you only want a single font to be added, you would need to place it in a drawer of its own and then choose that drawer.

Those looking at normal Amiga requesters should have no trouble finding their way to where they have stored their fonts they want to add. Click on OK when you have found your new fonts and then to save this configuration for ever and a day, click on the Save Default button on Font Manager's panel. Your fonts should now be ready to use.



▲ Stamp the text tool down on the page and type out some text. This creates a text object. Select the text by pressing Right Amiga-A and then choose Fonts/Points from the Style menu. You are now free to set the attributes for your text.



▲ To create a custom drop shadow, duplicate the text object by pressing Shift Right Amiga-A and then give that text a different colour by selecting both a colour and style from the Object/Fill Style panel.

Text crazy

With your fonts in place, the next step is to cook up some text. To do this, click on the Text tool and then press Ctl-F or choose Fonts/Points from the Style menu. Choose the Font required, the Style and the point size and click OK. Stamp the Text tool down on the page and type out your text. For this exercise, the text should be limited to a few letters or at most a small number of words.

Once the text has been finished, choose the Pointer tool and then grab one of the handles on the text object. If you hold the left mouse button down and drag the pointer (using the mouse of course), you will notice that you can make the text bigger or smaller. Now size the text to suit your compliment slip.

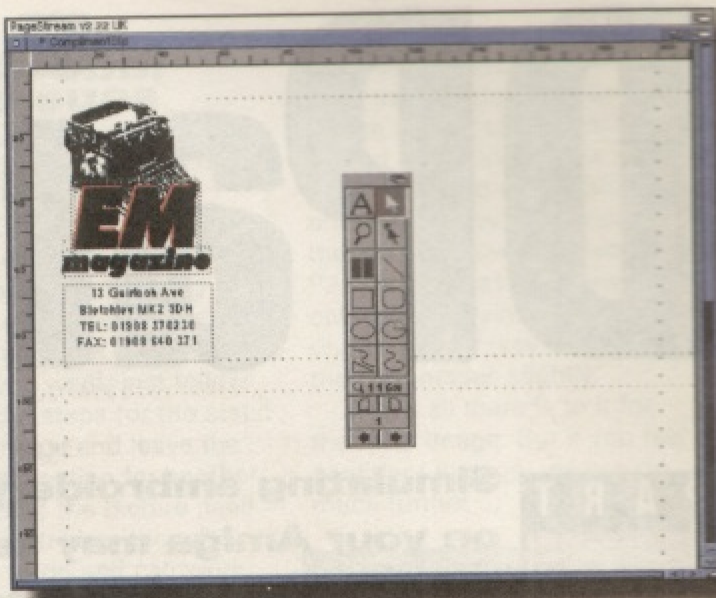
Playing in the shadows

In the example here, where I am placing the text over an image, a custom drop shadow is needed to separate the text from the picture. To do this, make sure the text object is still selected (a clue to this is that its handles will be visible) and choose the Object /Duplicate menu item or press Right Amiga-D. Click OK for one duplicate. Drag the duplicate away from the other text, choose the Text tool and click on the text. Press Right Amiga-A or choose Edit/Select All.

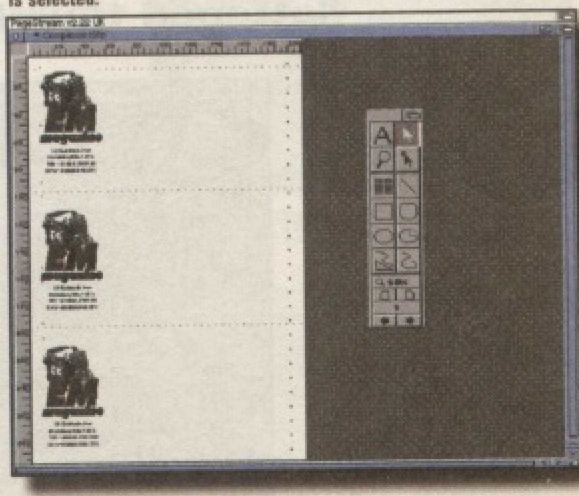
With the text selected, choose Object/Fill Style and click on a colour for your text. This text should now be a different colour to the other text and can be placed over the top or behind the old text to create a shadow. Just make sure the picture is behind both pieces of text.

The last bit of text we are going to create is a text column. This is text that is contained in a frame or box. These boxes are called Text Columns in PageStream and are different to Text Objects which we have just flirted with a minute or so ago.

To make a text column, choose the Text Column tool and draw a box underneath the main text heading. Click on the text tool and stamp it down inside the text box. Type out some text such as a name and address for your compliment slip. If the text is in the wrong font and/or the wrong size, select the text by pressing Right Amiga-A (the equivalent of choosing Edit/Select All) and then choose Fonts/ Points from the Style menu. You can now choose some new attributes for your text.



▲ Use the Text Column tool to draw a box for some text and then type in an address and phone number. The text here is Centre Justified which is set by selecting the Format/Centre menu item while the text is selected.



▲ Drag a net around all the objects to group them and use the Object Duplicate menu item to create two copies. These can then be moved into position on the other compliment slips.

All that's needed now to finish the job is to group the objects, duplicate them twice and place one duplicate on each of the other two compliment slips.

As usual, there is never enough space to cover everything, but you can be sure we'll be back next month with part three and some more hints and tips on working with *PageStream 2*. ■

Larry Hickmott.

Mail Bag

Since the release of *PageStream 2.2* on the October issue of CU Amiga, I have had quite a number of people writing to me asking for advice. Due to the fact I have so little time these days, I apologise for not having written back with detailed answers to these people but you can be sure that the subjects brought up in these letters will be addressed in CU Amiga's tutorials over the coming months.

DPaint V

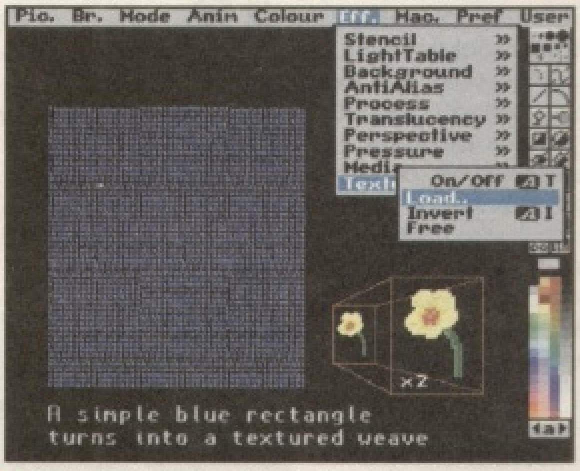
PART 2

Simulating embroidery and stone carving on your Amiga may seem far-fetched, but you can bring these ancient skills up to date with hardly a pricked finger or flattened thumb in sight ...

The much anticipated awaited additions to *Deluxe Paint5* aren't as comprehensive as many people were expecting, however, they do expand the program's useful life and offer some nice neat touches to help improve any Amiga artist's techniques.

Over the next few issues we'll be brushing up on any new features which should speed up your artistic endeavours.

We'll kick off this series with a simple project which produces great results without having to expend too much effort.



▲ Here's where textures are loaded in DPaintV. Once loaded a texture remains active unless turned off, from the same menu. The blue rectangle on the left shows clearly the pattern underlying it. The expanded view of the flower shows how simple an object can be if it 's going to be painted down onto a texture. The effect, though clever, tends to rob an item of much of its detail – so why draw it anyway?

New textures

Texture, one of version five's new features, allows you to paint onto a screen which already has a pattern imposed on it. You can't see the pattern until you either paste down a brush, or apply colour with any of the painting tools but it affects everything you do. There are plenty of textures to load in and you can save ones you have created yourself.

The fabrics and canvas effects are the most useful for general purpose work, as they simulate real-life media.

The golden rule is to experiment with them all, judging for yourself which work for you. It was during just such a session that I found a neat way to mimic embroidery stitchwork. Follow this tutorial and you'll soon be a dab hand with a needle and thread, on computer anyway.

Embroidery

Here's how it is done ...

Use lo-res, 256 colour mode, and from the effects menu, select texture/load and load in canvas-small. Use the filled rectangle tool with a mid-range blue and draw out a rectangle. You will see the texture applied to the colour – a kind of rough weave.

Switch to the spare page (key j), and select a large font (anything around 60 or 70 point) from the font requester. Type in your text in a bright colour. Now clip out the text as a brush and outline it in red. To do this, select red as the drawing colour once you have the text as a brush and press the 'o' key twice. This will produce a nice edging effect on the letter 's' and will make it look as if the words have been carefully hand-stitched. Cut out the text as a brush.



▲ Simple yellow text, edged with a red outline gives all the appearance of hand-embroidered stitching when placed on the textured back ground

Go back to the main drawing screen (j again) and paint down your brush. The bright colour you chose will dim as it is painted, one of the effect's the minor drawbacks, but you should see it texturise and it will appear as if it has been sewn onto the blue backing. Note how the red edges give a nice finish to the effect.



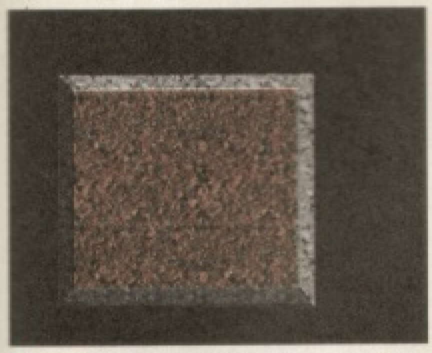
▲ The flower has been added eight times; it's the same brush, but flipped and rotated to make it appear different every time. The needle is a simple grey line and the thread a freehand yellow swirl.

Often you find this kind of embroidered 'primer', as it was called, would also have delicate ornamentation; that's a doddle in *DPaint*. Move back to the spare page, clear it and draw a rough outline of a flower, five round yellow blobs for the petals, an orange blob for the centre and a thin green stem will do.

The reason for this carelessness is because once the flower has been cut as a brush and painted onto the fabric, the



▲ For the final touch we'll do a spot of cross-stitching, which is simple to thanks to the power of DPaint's line function. One brush, such as this 'x' c an be drawn automatically along a straight line as many times as you like.



▲ Believe it or not, this terrific carved marble effect was created using a paper texture and a variety of colours for the marble.

texture degrades it and makes a nonsense of any fancy detail you might have used under normal circumstances. Once you have your flower, paste it down as many times as you like on the embroidery. Flip it occasionally with the x and y keys to give different looks to the same object.

The final touch roughens up the edges of the blue material, giving it a frayed and realistic look. You could achieve this effect manually with a freehand brush, but try the automatic way first if you want to save time and hassle: call up the line spacing requester (right click on the line tool), and click on N total, and type 20 in the total box. Using the second smallest brush with the background colour chosen as paint colour, draw out a line along each edge. The brush will be painted just 20 times throughout the length of the line, giving the blue fabric a ragged appearance.



▲ Here's two example of what you can do with text: drop shadow for the red text and a simple outline for the white.

Finally, the white cross-stitching was added by drawing one x-shaped brush, and using the same line drawing technique, with N total equalling 20.

The sewing needle and thread is an optional extra, made up of a grey line for the steel and a freehand line for the thread.

Global issues

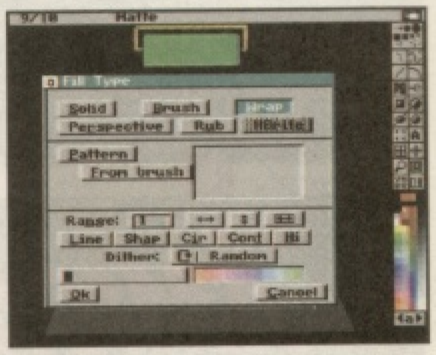
Our second tutorial takes us further into the workings of *DPaint5*, again using texture in a novel way and incorporating a really great piece of miniature animation. If you want, just follow the steps for the static image and leave the animation for another day; the picture itself is striking, though pretty easy to do and can work alone without the movement.

The effect resembles a marble plaque, lit from above. In the past, creating a surface such as stone required a lot of patience and some skill.

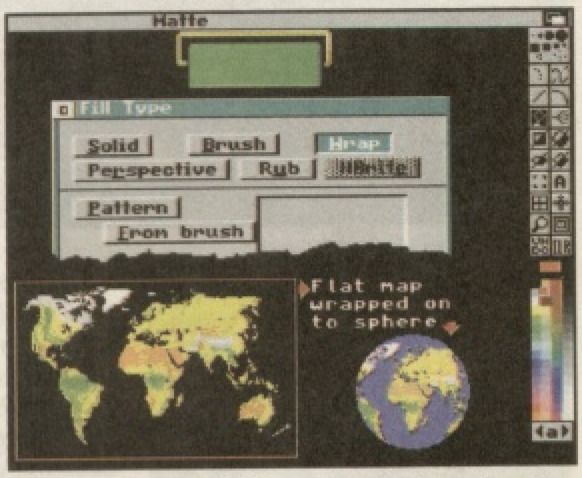
However, *DPaint* simplifies this a great deal. To create the marble effect, load in paper-rough as the texture, and with brown as the painting colour draw a rectangle on screen. Watch in amazement as the underlying texture creates a realistic marble effect. Forget rough paper – this is realistic stone work.

The highlighted bevelled edges, which give the block substance, are done in the same way, but using light and dark greys and the freehand filled polygon tool. Use light greys for the top and right edges, darker ones for the bottom and left. The text has been anti-aliased (select High from the effects/anti-alias menu before typing) to smooth the jagged edges in this low resolution mode, and a drop shadow effect added by initially painting the red text down as black (Press F2 with black as the drawing colour) then painting down as its original colour (key F1), offsetting the two images slightly.

That's all there is to it for the main image. But if you feel confident enough, we can go much further ...



▲ To get our animated globe spinning, we have to use the wrap fill option, shown here, in the fill requester.

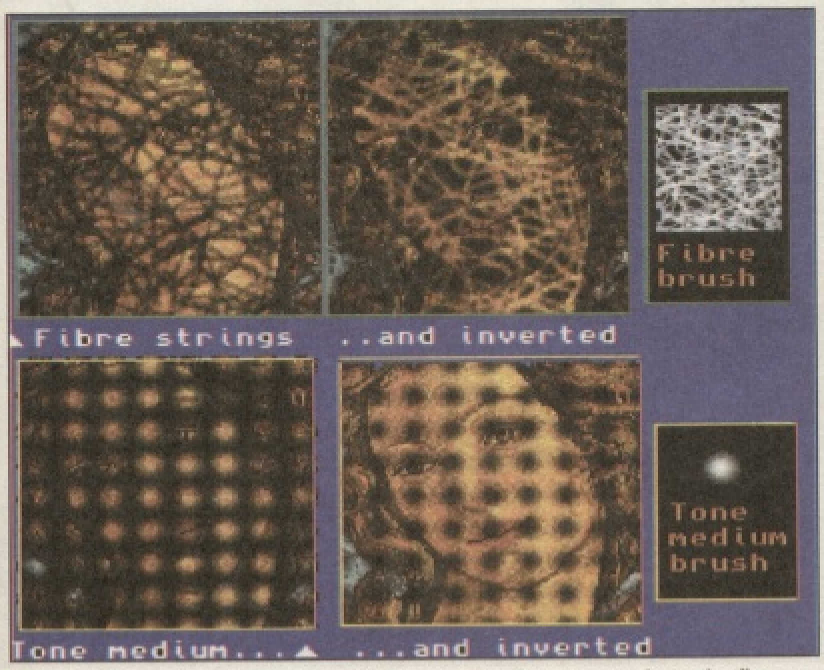


▲ Here you can see how a flat image, a frame from the moving world animation, wraps itself around a circle to give a truly realistic 3D spherical effect.

The Ins And Outs of Effects

The basis of any texture is a brush. You can load any item from the textures directory as a brush and examine it to see how it was constructed, and which colours were used to add light and dark areas to the image overlaid on it. If you're not happy with a particular texture, or want something more personalised you can create your own, save it as a brush and load it in via the normal texture/load option.

Another useful tip is to check out the inverse texture effect; this switches the image and background of a texture and in our example you can see how different your artwork can look. The textures with plenty of black in them are particularly striking, in effect doubling the number of 'looks' you can give an image.

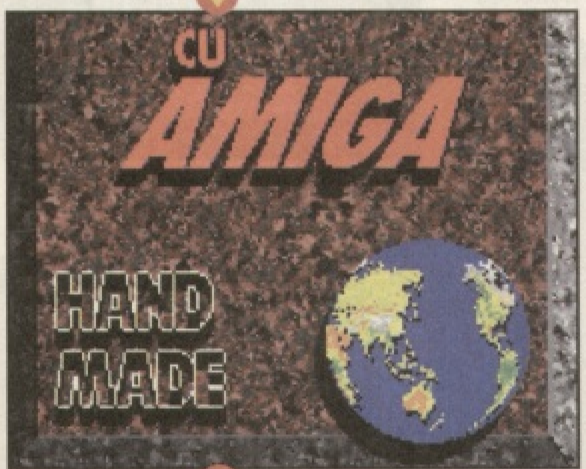


▲ Double the fun: each texture can be inverted, making image effects even more interesting. Here two textures are inverted, showing the difference imposed on the same image.



▲ Just for interest, here are the 10 cells from the globe animbrush in sequence, showing how DPaint has mapped each one in turn on successive circles in a new animation.







▲ **The spinning globe animation has been pasted down and these three frames show how the world revolves in the marble setting. Note the black drop shadow under the globe, added to the original marble image, then copied to the 10 frames using the animation/copy/all frames command.**

The globe at bottom right of the picture in the bottom right-hand corner actually revolves, showing the continents spinning realistically. Here's how to achieve this superb effect which can be used in many ways to suit your needs.

All the world

The map image was really handy, it's one supplied with *DPaint*! Having saved your plaque, load in the map from the *DPaintV*/ Pictures directory. It fills almost the whole of a PAL screen, but don't worry, size is irrelevant here (ho, ho).

We need to animate the image now, but not in the normal, boring way; we're going to use *DPaintV*'s special camera move option. This is a useful addition to the normal animation techniques, but doesn't replace them. Go to the spare page (key j) and make sure it's clear. Call up the camera move option from the animation menu. We intend making the flat map scroll horizontally across screen and this is simply achieved. In the X distance box, type in 320 (the width in pixels of the screen mode, incidentally). Click the wrap box to activate it with a tick – this will render the image as a continuous stream, joining the leading edge to the trailing edge as it's drawn. Select 10 as the number of frames, and click on new, and off *DPaint* goes, creating a 10 frame sequence of the scrolling map from the alternate page.

Cut out the sequence as a 15-cell animbrush (animation/animbrush/pickup) and save it. Clear the animation sequence (right click on the clear tool, and select all frames).

Using the filled circle tool, draw a blue circle in the middle of the frame 1 of the blank animation, around 4cm in diameter. From the animation/frames menu, copy this frame to all frames.

Call up the fill requester (right click on the fill tool) and select wrap as the fill type. This tells DPaint to use the current brush as the fill object and to constrain the image to fit the shape being filled; in our case this is the circle, and by contorting the flat map image projection in this way it will be re-instated to look like a 3D sphere.

Anim painting

With the animbrush of the scrolling map active, click on the fill tool and, holding the Alt key down, click inside the filled circle on frame 1; this will do two vital things: fill the circle with cell 1 of the animbrush, then move on to the next frames in turn and use subsequent cells to fill the circles on each frame throughout the animation. This is called anim painting, and saves a lot of time and effort.

Playing back the animation now reveals a fine spinning globe. Cut this out as an animbrush, save it, and re-load your original plaque image. You will have to adapt the globe palette to that of the plaque, so from the colour/brush menu select remap.

Create the core of the animation by creating a 10 frame sequence based on this single image.

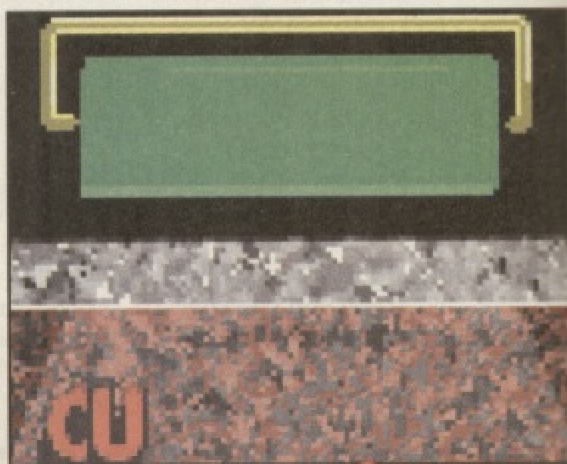
To have *DPaint* automatically place the whirling globe on screen, position the animbrush globe where you want and right click the mouse button, then immediately click on undo.

Call up the animation/move requester and clear all values - we want the globe to stay exactly where we placed it. Ensure the frame count says 10, then click on draw.

The program cleverly paints down each animbrush cell of the spinning globe in sequence throughout the animation, so that when you play it back is revolves as before, only this time it's part of a much more sophisticated image.

The finishing touch, an illuminated section, is done with a light-beam shaped filled white polygon painted on each frame with translucency set to 60%. The lamp holder I leave to your own design, mine's simply a green rectangular reading room light held by brass brackets. ■

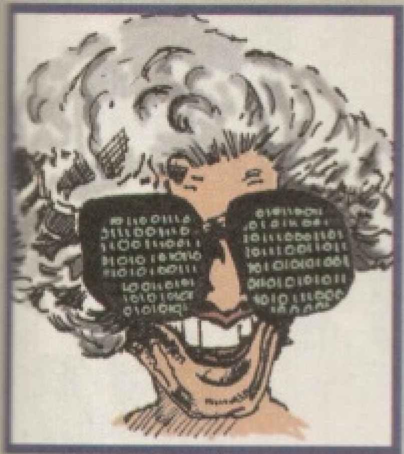
Peter Lee







▲ **Throwing a little light on the subject ... the image has not been darkened; the light is created by pasting a white beam-shaped polygon onto each frame of the animation, with translucency set at 60%.**



Surf's up!

Our undercover reporter on the 'Net is here with tales of a new comms book, Term update, BeBox's latest developments and ARexx stirrings in the Spot Fidonet.

Net God speaks

Amiga 1200s have been on sale for a little while now, however, Amiga Technologies haven't seen fit to supply them with any form of comms software, not even Term. This makes me worry that a new wave of Amiga owners are starting to trickle in who won't see the value of having a modem. What with monitors, extra RAM and hard drives to consider, the modem won't seem like an essential purchase at all. So it's up to us to make sure that they know just how groovy that little box of flashing lights really is. We've got to stress how can they can surf the world's Amiga resources at will on the Internet and pick up lots of invaluable software for next to nothing. They need a friendly helping hand into the wired world. So when you meet a new Amiga owner, let your first statement be: "Have you got a modem yet?" Let's hope AT address this major shortcoming in the A1200 pack soon. Then again, you never know, maybe someone could program their own comms software from this month's Amiga E cover disk and that would solve all our worries.

News

Connecting your Amiga book

'Connect your Amiga!' is an excellent comms book written by Dale Larson of former Commodore fame and the author of the Envoy networking software. Having been edited for UK relevant material, it's been released in the UK by Fourth Level Development for £11.99. Subjects covered included local networking to full Internet software usage and technicalities. Contact Fourth Level on 0117 984 04455 for more information.

CU Amiga file echos

After being bombarded by requests for more information from Amiga BBS SysOps around the UK, we've decided to implement two PD 'file-echos'. All the PD, except Licenseware, reviewed in CU Amiga Magazine will be 'hatched' into two Fidonet domain file-echos called 'CU-PD_UTILS' and 'CU-PD_SCENE'. These will then be passed to London BBSes who are free to pass them on further afield. Most of the PD reviewed can then be obtained from special file areas set-up on participating BBSes. We'll list them each month if we can. Watch out for the Fidonet AMIGA_MAGS echo for details of the current BBSes involved.

BeBox Invasion

Anyone browsing the comp.sys.amiga.misc newsgroup or hanging out in the #Amiga IRC channel, couldn't fail to notice talk of a new computer platform. The strangely named BeBox machine sports an amazing hardware specification at a low price which prompted many Amiga users to ask why Amiga Technologies couldn't emulate the formula. This speculation was later followed by rumours that Amiga Technologies were 'talking' to Be Inc. about running AmigaOS on the hardware. Since the Amiga has the software base but the BeBox has the hardware we've been screaming for, it has inspired great hope that something will become of it. Interestingly, the boss of Be Inc. was heard to shout in a PowerPC newsgroup that the BeBox wasn't a Macintosh clone but rather an Amiga '96.

Aminet flooded with 'Spot' scripts

One long time Fidonetter and Backyard BBS Sysop, Anthony Brice, has finally got himself Internet access. Discovering the #Amiga channel 'Bot, Mama, he's seen fit to upload his entire collection of *ARexx* scripts for the 'Spot' Fidonet technology mail browser via Mama's helpful Aminet upload function. These scripts range in quality from excellent to bizarre and can all be found in the Aminet comm/fido directory.

Term 4.5 released

The famous long standing and much updated PD terminal software *Term*, has been updated again by the German author, Olaf Barthel. Featuring oodles of bugfixes and minor enhancements, some other areas have had a serious revamp such as the phonebook section of the package. *Term 4.5* comes in several archives that reside in the comm/term directory of the Aminet including one optimised for the 68030 CPU. *Term* is a large package and really needs an A1200 minimum to run happily. All the file names start simply with 'term'. Internet users can also obtain Term 4.5 from the Darkside BBS on 0181 7719100 and Backyard on 0181 4242065. ■

Mailing list mix-up

In the October Surf's Up page, we printed details of the CU Amiga mailing lists. Response has been positive with many readers subscribing, however, we printed the wrong name for one of the lists ('cu-list' instead of 'cu-amiga'). So here are the entire details again. To join the CU Amiga Magazine mailing lists, send an E-mail to emailurl@cu-amiga.demon.co.uk.

In the body of the message include either of the following lines;

SUBSCRIBE cu-announce <E-Mail address> or

SUBSCRIBE cu-amiga <E-Mail address>

Note that the '<' and the '>' are not to be typed in. They are included to indicate that the E-Mail address is optional. If it is not included, the address of your current mail will be used to subscribe to the list. Again the first list, cu-announce, is a low noise one-way list which has such things as our new contents page periodically posted to it. The second list is a discussion list where readers can get involved directly and talk to the staff at CU Amiga Magazine. E-mails to go onto the 'cu-amiga' list should be send to cu-list@cu-amiga.demon.co.uk.

Wired World



PART 5

There's lots of interesting oddities to be had from the internet. Here's a selection to choose from ...

Alynx - text only web browser

In Wired World part III, we looked at setting up the AMosaic graphical World Wide Web browser. One of the criticisms laid at the feet of the WWW is that downloading all the pictures can be a slow process. There is, however, a little known browser that solves this problem by ignoring the graphics altogether. Known as *ALynx*, the Amiga version is a Unix port and runs entirely from the CLI with a text only output.

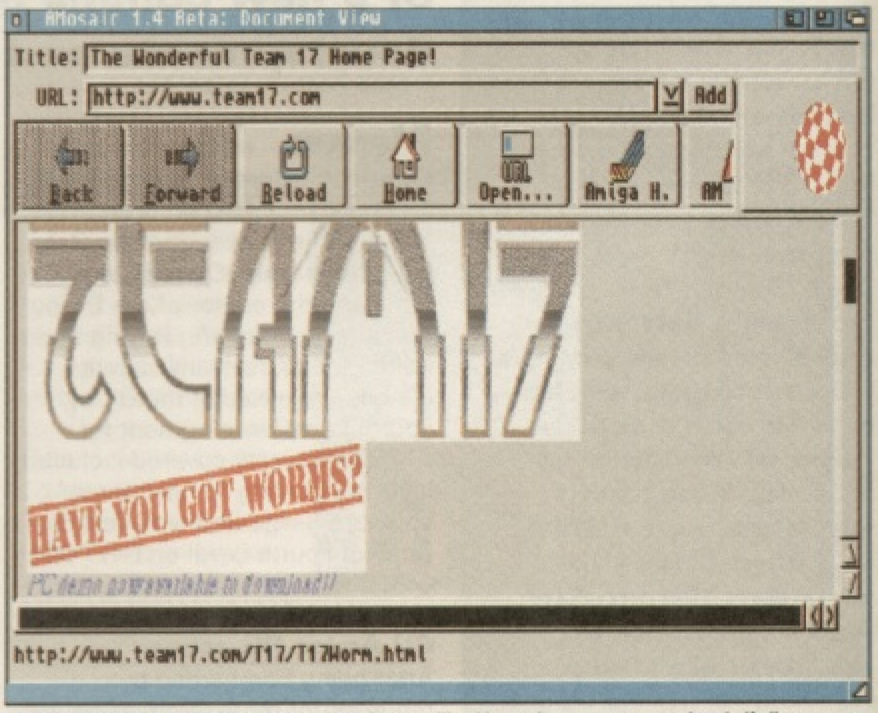
To get a copy of *Alynx*, drop into your local Aminet FTP mirror site like, 'sunsite.doc.ic.ac.uk' for example and once in the Aminet route directory, FTP 'comm/net/ALynx.lha'. Unfortunately there isn't a custom installer but thankfully it's relatively easy to set up and comes with comprehensive documentation. Extract the archive to somewhere on your hard drive. A small DOS script to launch *ALynx* is now needed. Type the following into your text editor:

```
SetENV CURSESTYPE SCREEN
SetENV HOME USR:Mat CD
{Path to ALynx} Run <>NIL:
ALynx
```

The first line tells *ALynx* that we want it to run on its own screen rather than in a Shell window. The second will need the 'Mat' replaced by your user name. Eg: If you are fred@bloggs.demon.co.uk then put USR:fred. The next line will need {Path the ALynx} replaced with the full path of where you extracted *ALynx* to on your hard drive. Eg:



▲ **Not as pretty as AMosaic, ALynx is, however, very fast indeed and may be just the shot for browsing the WWW while keeping the phone bill down to a minimum.**



▲ **Downloading large pictures tagged onto web pages like this can be an unnecessary hassle if all you want is some simple information.**

HD1:Comms/ALynx. Save this script as **AmiTCP:bin/ALynx** and then enter '**Protect AmiTCP:Bin /ALynx flags rweds**'.

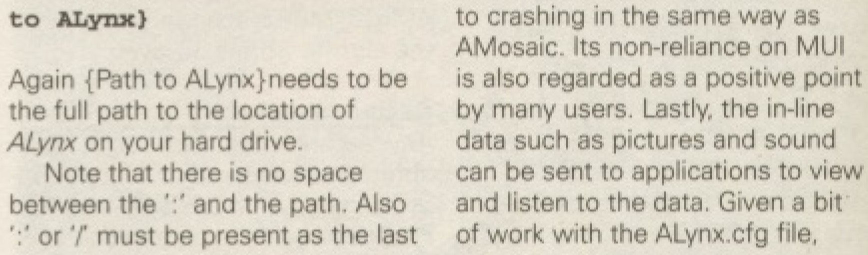
The next order of business is the ALynx.cfg file. To set it up correctly, load ALynx.cfg into your text editor and read through the comprehensive commenting present in the file. Two lines need to be present (overwriting the examples);

```
MAILCOMMAND:SendMail -f
$USER < DOWNLOADDIR:{Path
to ALynx}
```

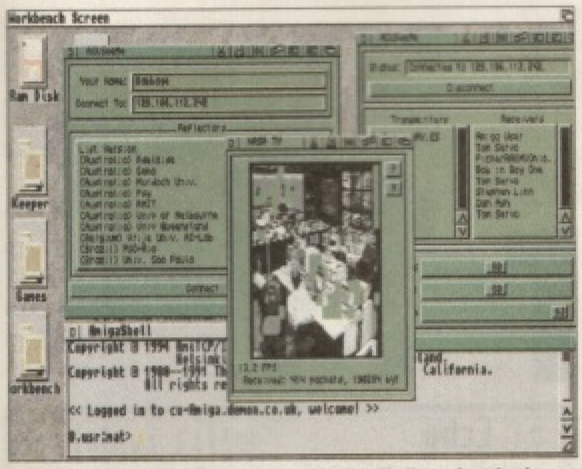
Again {Path to ALynx}needs to be the full path to the location of *ALynx* on your hard drive.

Note that there is no space between the ':' and the path. Also ':' or '/' must be present as the last character. Eg: **'DOWNLOADDIR: HD1:Comms/ALynx/'**

With luck, you should just need to link up and enter 'ALynx' in the shell. *ALynx* should arrive on its own screen with green text on a black background. Type 'G' for go to page and enter a WWW address. *ALynx* should oblige. If not, read the AmigaGuide documentation that comes with the package. *ALynx* handles the more complex functions such as Forms with relative ease and isn't prone to crashing in the same way as AMosaic. Its non-reliance on MUI is also regarded as a positive point by many users. Lastly, the in-line data such as pictures and sound can be sent to applications to view and listen to the data. Given a bit of work with the ALynx.cfg file,



▲ **AmiPhone's discrete GUI doesn't show off its impressive ability to function as an Internet telephone.**



▲ Even though ACUSeeMe is receive only, it still allows dropping in to such interesting places such as this NASA computer room to see how untidy they are in the American space institution.

viewers could be made to open on the *ALynx* screen to provide pretty much the ideal turbo WWW browser.

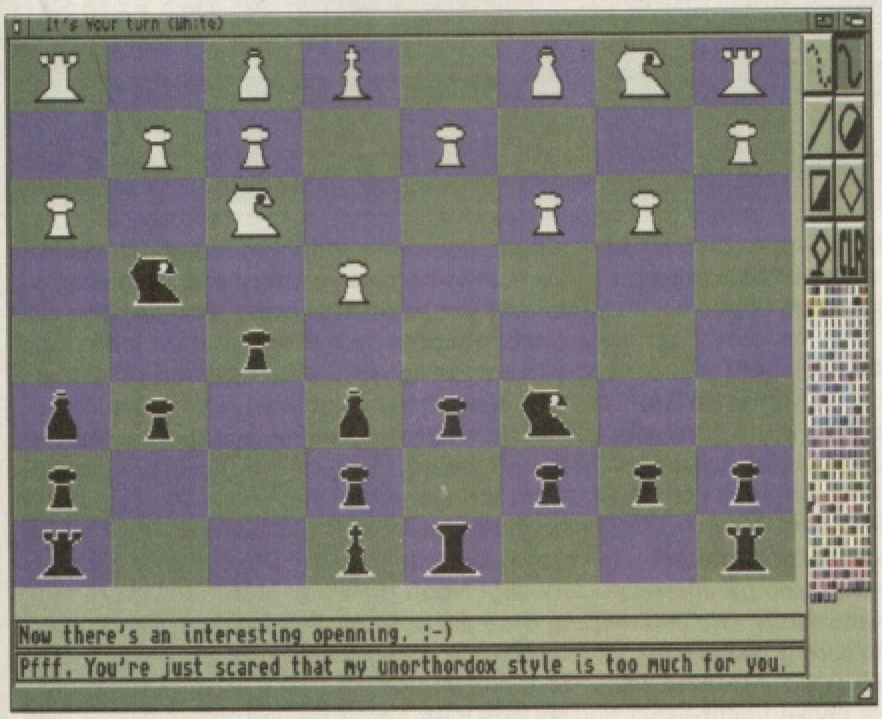
AmiPhone - internet telephone

Also residing in the comm/net directory of the Aminet is a brand new program called *AmiPhone*. The full path is **`'comm/net/AmiPhone 0.5B.lha'`** and first of all you'll need to FTP this to get started.

AmiPhone is a program that simulates a telephone conversation over an Internet connection. The main advantage to this is that you can talk to any other *AmiPhone* user on the Internet for the cost of a local call to your Internet service provider. The disadvantage is that audio requires a constant relatively fast rate and that's difficult to achieve across the Internet. However, if you have some friends on the same provider, it may just be practical and if not, it's entertaining at any rate. You need a standard parallel port sound sampler to be able to send but anyone can receive. The archive contains an installer, so it's best to extract the archive to a temporary location, run the installer and then delete the installer data. The Installer does all the work for you by inserting lines in a few of your *AmiTCP* config files. When it's finished, you'll need to re-start *AmiTCP* to get it working. You'll need the address of another *AmiPhone* user before starting.

Link up and enter 'AmiPhone' in the Shell. Select TCP/Connect from the menu and enter the address of the other AmiPhone user. All being well, super compressed ADPCM audio should be transferred via the net and you should hear each other if you both have sound samplers. Because of the high CPU load needed for both the sound sampling and the extensive audio compression routines, *AmiPhone* works best on machines with faster CPUs.

An A1200 with fast RAM is about the minimum system requirement. Lowering the sample rate and using the 'push to talk' function will help lower its CPU needs and bandwidth usage. If someone calls your system, a requester will appears asking you if you want to connect etc. Wonderful stuff, have a go with a friend today.



▲ Chess via AmiSlate can be played by any two people connected to the Internet in the world. It doesn't improve Black's game though.

SOCKETCONFIG Error

Last month's tutorial on the Internet Relay Chat or IRC helped many users get onto the #Amiga channel. Most of which used the AmIRC client mainly due to one point unfortunately omitted from last months Wired World. The socket.library, required to enable the GrapeVine IRC client to function with AmiTCP, needs a tiny one line config file. This resides in ENV: and an example of which is:

```
UID=200 GID=200 USER=mat DOMAIN=cu-
Amiga.demon.co.uk UMASK=0
```

Enter this line in your text editor making sure to change the user and domain values to your own. Then save as SOCKETCONFIG in the ENV: and ENVARC: assigns. Your socket.library should now function correctly and Grapevine should work as stated. Apologies for the oversight.

ACUSeeMe - internet videophone

Fancy a video phone on your Amiga? How about *ACUSeeMe*? Once again on the Aminet, its full path is **`comm/tcp/ acuseeme2 _02.lha.`** It has a basic installer which just copies the relevant CPU version to its final resting place complete with a phone book of *CUSeeMe* sites known as reflectors. No extra configuration is required. *CUSeeMe* can receive video as well as audio but unfortunately this Amiga version doesn't support sending as yet.

However there are plenty of interesting sites in the phone book to look up. Everything from universities around the world to the control room at NASA. You can drop in and get an animation in a window complete with sound. The frames per second value is displayed as the video phone functions. It's very heavy on bandwidth so if your link is slow, it won't work well. It also needs to run on a Workbench with 256 colours. It also requires MUI to be installed before you can run it.

AmiSlate - remote paint package

Written by the same author as the new *AmiPhone*, *AmiSlate* is an absolutely wonderful concept. It allows collective co-operation in a simple paint package via two clients running on machines connected over the Internet. Once again on the Aminet, it can be found using the path:'comm/tcp/ AmiSlate1.3.lha'.

Like *AmiPhone*, it has an excellent installer that not only copies the files to the final resting place but also does the hard work of making some changes in a few of *AmiTCP*'s config files.



▲ Co-operative painting via AmiSlate. Good for a fool around but you can also use if for serious applications as well.

It's possible to use *AmiSlate* without connecting to another *AmiSlate* over the Internet so you can try this first. Open it as a window on the Workbench or a fresh screen, to get the available pallete and some painting tools. If you want to connect to another machine select the tcp/connect menu and enter the address of another machine with *AmiSlate* installed. That other machine will have a requester appear, announcing the *AmiSlate* call in much the same was as *AmiPhone*. Once connected, both users can paint on the same picture and type in small chat boxes at the bottom of the screen.

AmiSlate's comprehensive *Arexx* port is definitely its best feature. With this it's possible to design a multitude of toys, games and applications that two connected *AmiSlates* can engage in over the Internet.

A variety of example *Arexx* scripts are provided including *Chess* and *TicTacToe*. Armed with some knowledge of *Arexx* and a print out of the *AmiSlate* documentation, it would be possible to create your own scripts that could be run on both connected *AmiSlates*. Definitely worth having a look at. The uses need not only be novelty based but also serious applications. Here's hoping that plenty of excellent *AmiSlate* scripts appear on the Aminet before too long. ■

Mat Bettinson

Sound Lab

Audio Master 1V

PART 1

AudioMaster IV's excellent effects and editing features come under the spotlight this month, along with a look at the sequencer mode.

Last month we looked at the basic operating functions of *AudioMaster IV* our cover disk from the November issue. However, over the coming tutorials we'll be concentrating its more specialist editing options that make it stand out from the crowd. This month we'll concentrate on the the effects menu. To begin, load *AudioMaster* and then load in a sample. If you bought the CD edition of CU Amiga last month you'll find plenty to choose from in the samples directory.

Many of the following effects will be most evident when used on longer samples that contain a range of different frequencies, such as drum and rhythm loops.

Tune waveform

Tune Waveform alters the default playback speed and pitch of the sample. When you save the sound as an IFF 8SVX sample (the Amiga's standard sample format) these settings are embedded into the file. The pitch can be defined in one of three ways: sample rate, period or note. The upsample button



compresses the sample so that it plays twice as fast and uses half the original amount of memory.

Duration/pitch

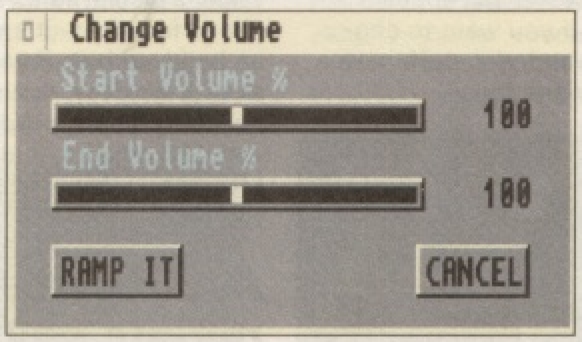
This is the timestretch and pitch shift section which lets you change the pitch without altering the length of the sample or the length without the pitch. This is thanks to some clever maths that inserts or removes lots of tiny portions of the sample. It's especially useful if you have a melodic sample loop that needs to fit into a song that's tuned differently to the loop. You could first get the tuning to match with the previous menu option and then alter its length by entering its duration in seconds right down to seven



decimal places. Now that's precise! Taken to extremes it can also be used for special effects. Sample rate, pitch and duration can all be set independently, either from the sliders or the value boxes. Click the resample data button to go ahead with the change.

Change volume

You can change the volume of either the whole sample or just a part of it. Select the required area as a range, and then adjust the start volume and end volume sliders. For a blanket volume change across the whole range, make sure that both sliders are set



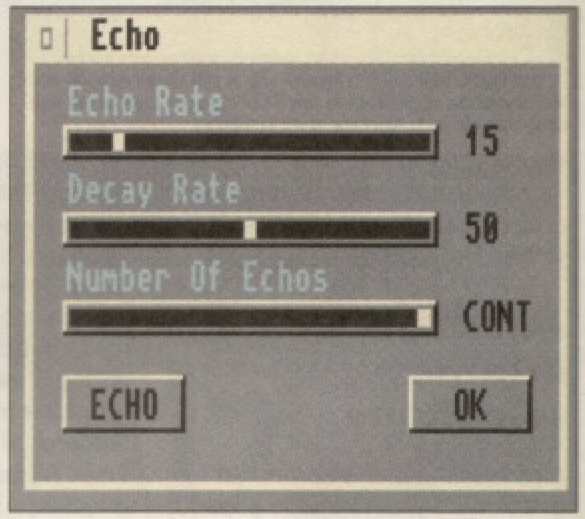
identically. For a smooth fade set them at different levels. Click the 'ramp it' button when you're happy with the settings.

Backwards

Either the range or the copy buffer can be reversed with the backwards option. Select either range or copy buffer to decide which.

Echo

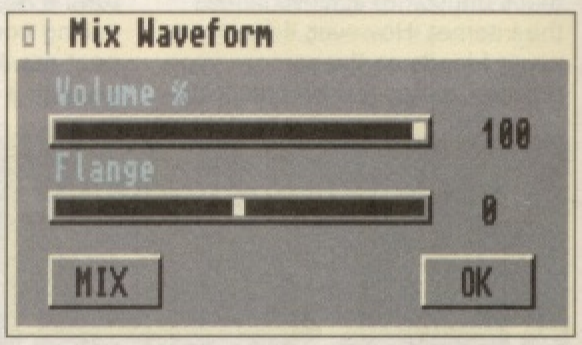
Echoes can be added to the ranged area with this option. There are three parameters that can be set: echo rate, decay rate and number of echoes. Echo rate governs the time delay between each echo – smaller values lead to more closely packed echoes. Decay rate refers to the speed at which the



echoes fade away, with lower values leading to longer decay times. Number of echoes lets you specify a maximum number of echoes. This is initially set to an infinite amount, although this is limited by the amount of 'workspace' you currently have.

Mix/flange

The contents of the copy buffer can be mixed with the currently edited sample using this option. This is useful for combining instrument samples to make richer sounds. For example, a piano note could be mixed with a synthesiser sound and saved out as a



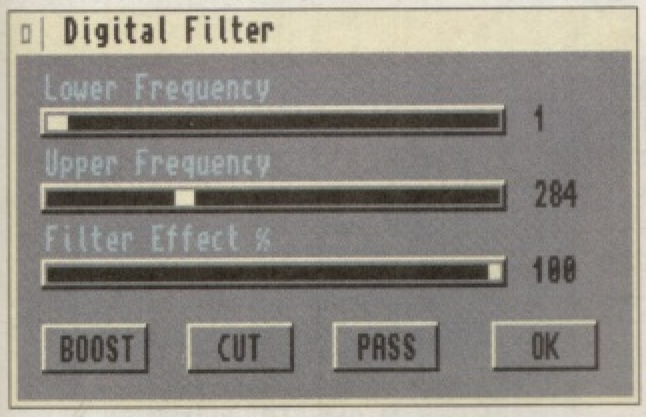
single instrument. Rhythm loops can also be combined to save memory and to free up one of the audio channels. Try using the alter pitch functions to get two rhythm loops to exactly the same length and then combine the using the mix option.

The second part of this feature is the flange setting. This offsets the copy buffer from the sample being edited by the amount controlled by the slider. In other words, one sample is stretched or compressed as it is mixed. When the copy buffer and the sample in the edit window are identical, adjusting the flange setting and mixing the two leads to a phasing effect that's most notable on sounds with a lot of high frequency content. If you want the phase to move 'up' rather

than 'down', first reverse the sample, copy it, flange it and then reverse it back again.

Digital filter

One of *AudioMaster*'s most powerful features is its filtering section. It looks a bit confusing at first but it's quite simple to use once you understand the principals behind it. The top 2 sliders are used to set a range of frequencies, specified in KHz. Logically enough the upper frequency cannot be set to a lesser value than the lower frequency.

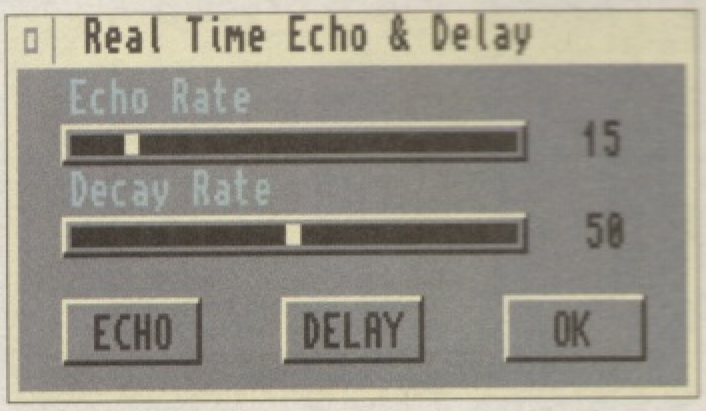


Now onto those buttons.

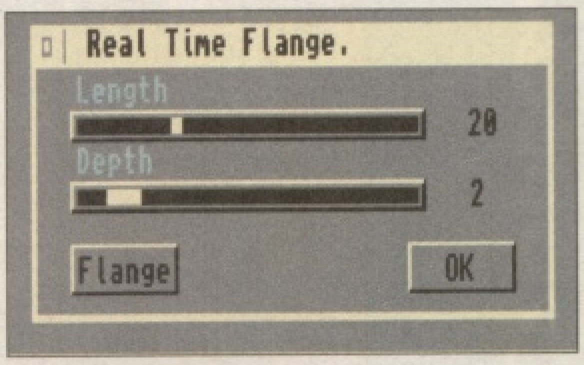
Boost will boost the frequencies between the sliders. Cut will remove the frequencies between the sliders. Pass will allow only the frequencies between the sliders to pass through the filter, removing everything above and below the selected frequency range. The Filter Effect slider controls the amount of cut or boost applied by the filter. If for example you wanted to remove all of the bass frequencies from a sample, you would set the Lower Frequency to one and the upper frequency to 184 or thereabouts and then click on Cut. Experiment with some samples that contain a range of frequencies and you'll soon get the hang of it. Once you do you'll find it an incredibly useful tool for cleaning up and enhancing your samples.

Realtime effects

AudioMaster can also be used as a realtime effects processor. You'll need a sampler cartridge to use these features,

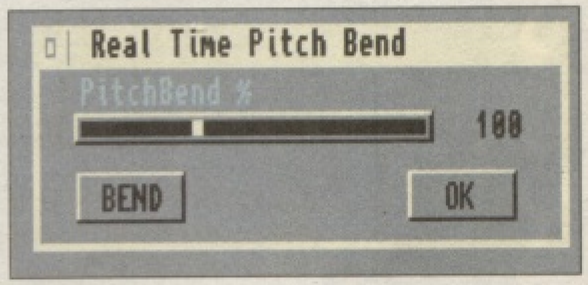


as they work by altering the sound coming in through the cartridge then playing the results out through the audio ports. Try plugging in a microphone (via the microphone socket of a hi-fi and then into your sampler if necessary)



or just use a normal cassette or CD sound source.

The echo is self explanatory. There are two sliders that can be used to change the effect. Echo rate sets the time delay between each echo, while Decay rate defines



the speed at which the echoes fade away. The two buttons lead to slightly different results. Echo will generate an almost endless string of echoes with the right settings, while Delay simple adds a single echo.

Flange puts a phasing effect on the incoming sound. Try playing percussion or drum tracks through it for interesting results. By altering the length and depth settings to maximum you can create a long smooth phase slide.

Finally there's pitchbend, which changes the pitch up or down according to the slider setting. Set this to minimum for deep booming sounds, or maximum for squeaky results. ■

Tony Horgan

Did You Miss Out?

***AudioMaster IV* was given away free with the November 199 issue of CU Amiga Magazine. If you missed out you may still be able to get hold of it from our back issues department. Call them on 01858 468 888 now, as stocks are limited.**

Loop Sequencer



These are the sequencer controls

The best way to make music with your *AudioMaster* samples is to load them into tracker or dedicated sequencing software, but *AudioMaster* also comes with its own sequencing functions which can be handy at times.

The sequencer controls are arranged in a cluster on the left of the control panel. You can also create sequences using the SEQ menu options. The SEQ button switches sequence mode on and off. Sequences are created by setting up a series of loops within a single sample. These loops are then played back to form a longer piece of music. There's an example sequence file on the AudioMaster disk called BackToBasics, which you'll find in the Examples drawer. This one plays back at 10KHz, so the sound quality isn't that hot but it's a good demonstration of the sequence functions.

To make your own, load in a fairly long sample (a rhythm loop or something similar will do) and click on the SEQ button. Move the loop markers by dragging their handles with the mouse. Drop them to form a loop somewhere between the peaks in the sample wave. Click on the Add button to add another loop. If you want this section to be played again straight away, leave the loop markers where they are and click the Add button once more. Continue this process until you want to add a different loop. You'll notice the number changing in the box on the far left. This is the number of the current loop, and can be changed by clicking the Up and Dn buttons. To hear the sequence at any time click the Sequence button.

Sections of the sequence can be deleted with the DEL button. There's also a feature that automatically fades out the last part of the sequence. Select Set Fade Start from the Seq menu and enter the number of the sequence position from which you want the fade out to start. When you play the sequence you'll notice the volume fades smoothly from this section to the end. The repeat button makes the sequence loop over until you press stop. Sequences can be saved out using the Save —> Waveform option from the Project menu. If you are still in sequence mode, the sample and sequence data will be saved out as one file.



FORTRESS AMIGA PD LIBRARY

OVER 62,000 DISKS AVAILABLE
ALL AT 95p INCLUDING P&P
Send 3*25p stamps For List Disk

Available are FULL SETS of:-
Fred Fish. LSD Legal Tools
Scope Disks Assassins Games
Assassins Utils T/Bag Disks
PLUS
Graphics. Music. Slide Shows.
Games. Clip Art. Fonts, Etc...
Far Too Many To List Them All

Contact:- FORTRESS P.D.
26, SPENCER STREET, KEIGHLEY.
WEST YORKSHIRE. BD21 2BU
Phone:- (01535) 609263

PENGUIN PUBLIC DOMAIN

ART-ANIMATION-MUSIC
PLAYABLE DEMOS - FONTS
GAMES COMPILATIONS
CLIPART-ASSASSINS
MISCELLANEOUS-GAMES
DEMOS-MUSIC UTILITIES
EDUCATION-FUNPACK 1-36
SCOPE 1-220-FRED FISH 1-1000
T-BAG 1-77 - SLIDESHOWS
UTILITIES-HAM RADIO
BUSINESS-JAM 1-10

50P EACH

POST AND PACKING FREE.
RING OR SEND FOR A FREE CATALOGUE
0589 722502



AMIGA

PO BOX 179
READING
BERKSHIRE
RG30 3DD
ENGLAND



CLASSIC AMIGA P.D SOFTWARE

FREE CATALOGUE DISK
0161 723 1638
SHOP OPEN
12-9PM DAILY
11, DEANSGATE
RADCLIFFE
MANCHESTER

Q. What's plastic, 3.5 inches and costs just 45p?

A. A public domain disk from

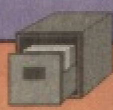
NO MERCY SOFTWARE

That's right, 45p per disk from 1-499
(bulk PD prices from 22p each - send for info)
Choose any PD list from any Amiga mag, then order from us, or send £1 or 4x1st class stamps for our catalogue disk and a FREE util or game
(please state)
Cheques payable to:

NO MERCY SOFTWARE

3 HILL SIDE, GT. THIRKLEBY, THIRSK,
NORTH YORKSHIRE YO7 2AX
Phone 01845 526412 (between 6-8pm only)
0421 493916 (mobile)

KEW = II SOFTWARE



Est. 1989

THE BEST IN QUALITY PD & SHAREWARE
SUPPLIED ON BRANDED DISKS ONLY!
The LEADER -
OTHERS CAN ONLY FOLLOW!
FREE FRIENDLY HELP BY
POST or PHONE ANYTIME!
FREE CLUB MEMBERSHIP
PICK YOUR OWN PROGRAMS!
BY NAME, NUMBER AND SIZE!
IT'S EASY!
500K makes 1 bootable disk!
800k makes 1 non bootable disk!
CATALOGUE WITH FULL DESCRIPTIONS & INDEX ONLY £1
Phone for the LATEST PROGRAMS! 1-3 disks £1.50, 4 or more ONLY £1.25

P.O BOX 672
South Croydon
Surrey CR2 9YS
Tel: 0181 657 1617

FREE P&P

STORK PD

fast, friendly and reliable service.
We are here for you,
and what we haven't got
we will soon get for you

With disks from as little as 50p
why pay more?
Just send 2 first class stamps for our catalogue disk.

STORK PD, 15 Rands Lane, Armthorpe,
Doncaster, South Yorkshire, DN3 3DZ.
Tel: 01302 830 720

ARNOLD COMPUTER SUPPLIES

Blank Disks £15.00 per 50 inc. labels
DSHD Disks £22.50 per 50
(Pre-formatted)

PD LIBRARY NOW OPEN!

Please send £1 or 4 1st class stamps for catalogue.
Free local delivery and installation
(10 mile radius)
Many more items stocked.
Please phone or fax for latest prices.
Barry Voce 0115 926 4973
11 Campion Street
Arnold, Nottingham, NG5 8GR

LAZYCAT COMPUTING



29 Woodville, Barnstaple,
North Devon EX31 2HH

Through our commitment to ethical trading and good customer relations, Lazycat has built up a reputation as a name you can trust, and all the time and effort, that has gone into creating our library that is making Lazycat one of the exceptional few (Quality) libraries in Britain today.
We have a vast collection of software for you to choose from.
Please send 2 x 1st class stamps, for the best logical and informative catalogue disk, full of PD and shareware, you will ever recieve.

DELTRAX PD

FREE! FREE! FREE! FREE! FREE!
OUR LATEST PUBLIC DOMAIN PRINTED CATALOGUE FULL OF TITLES & DESCRIPTIONS - ALL IN STOCK AND READY FOR DESPATCH. ESTABLISHED SINCE 1991 WE ARE ONE OF THE BIGGEST LIBRARIES AROUND - DON'T DELAY - SEND TODAY - WE DELIVER THE GOODS

PHONE/FAX 01492 515981

36 BODELWYDDAN AVE,
OLD COLWYN, COLWYN BAY,
CLWYD LL29 9NP

AMIGAHOLICS PD

THE 100% AMIGA PD LIBRARY, WE STOCK; DEMOS, MUSIC, ANIMS, MUSIC UTILITIES, SLIDESHOWS, GAMES, LSD LEGAL TOOLS, UTILITIES, ASSASSINS GAME DISKS, FRED FISH, FONTS, CLIP-ART AND MUCH MORE.

THIS MONTHS TOP TITLES

SKIDMARKS 2 AGA CARS (2D) - 4 Extra cars
ARTCORE - Stunning Hand Drawn Art
MAGIC CX - The Definitive System Enhancer
'SETTLERS' EDITOR - Find all the gold etc.
'F1 G.P.' EDITOR -Latest Version.
DR. STRANGE 2 - Great sequel
PSYCHEUAL (AGA) - Brill, Alien Breed Rip Off
EGG SCRAMBLE - Mad, Mad, Mad game

SINGLE DISK £1.50 EA
MORE THAN 1 £1.00 EA
Order 5 get 1 FREE- 85p ea
Order 10 get 3 FREE- 77p ea
Order 15 get 5 FREE - 75p ea
Order 20 get 10 FREE 67p ea

FREE P & P
Send cheques, PO's to
AMIGAHOLICS PD DEPT. CU
236 CHESTER ROAD NORTH
KIDDERMINSTER
WORCS DY10 1TE

SEASONS GREETINGS TO ALL OUR CUSTOMERS PAST, PRESENT & FUTURE.

SEND 2 X 1ST CLASS STAMPS OR SAE FOR CAT DISK.
CAT DISK INCLUDES GAMES AND MUSIC

SOFTSELL AMIGA CLUB

FULL PRICE GAMES FOR HIRE RETURN POSTAGE PAID

Send a stamped SAE for a catalogue

Softsell (CU), 16 Church Street, Trowbridge, Wilts, BA14 8DW

NEW SHOP OPEN IN SHEFFIELD

Activity Software at Trilogy House
65 Chesterfield Road, Sheffield S8 ORY

Amiga Software and Accessories
AMIGA POWER SUPPLY £27.50
Direct from manufacturer to British Standards Suitable for A500,A600,A1200
PUBLIC DOMAIN From 50p per disc
Over 3,000 titles in stock!!!!
Catologue 50p in stamps
Telephone 0114 2 585858

NFA & SADENESS PRESENTS: AGA Experience

NFA & SADENESS PD present their first Amiga CDROM disc - The AGA Experience.
This is the first CDROM dedicated to A1200/A4000 owners! It features:
EXCLUSIVE NFA productions
EXCLUSIVE Klondike cardsets
EXCLUSIVE AGA Slideshows
Magic Workbench Colour scheme
Custom Ray-Traced Icons
Licensed Amiga Report diskmags
ALL AGA Amiga Demo-Clones
The AGA Experience includes the LATEST AGA Amiga PD/Shareware. This includes:
> 100 MB of greatest AGA utilities
> 150 MB of best AGA Slideshows
> 100 MB of the best AGA games
> 200 MB of the latest AGA demos
> Mods, Pics, Objects & much more!
This is a NEW release at just £19.99! For more details about The AGA Experience, please contact us.

SADENESS, 13 Russell Terrace, Mundesley, Norfolk, NR11 8LJ, England
TEL/FAX: (01263) 722169: Email: Richard_Brown@melaet.demon.co.uk

ONLiNE PD

FREE 2 DISK CATALOGUE LISTING 9,000+ PD TITLES
TEL: 01704 834335

FRED FISH 1-1000
ASSASSINS GAME DISKS 1-250
OR SEND SAE

75P PER DISK

Every 10 disks ordered choose 1 FREE

Online Pd, Dept CU12,
1 The Cloisters, Halsall Lane,
Formby, Liverpool L37 3PX

GWPD

QUALITY PUBLIC DOMAIN/SHAREWARE
FOR ALL AMIGAS.
ALL TITLES
50p EACH
FOR A CATALOGUE DISK SEND
2 x 1st CLASS STAMPS TO:
GWPD, 21B SITHNEY ST,
PLYMOUTH, PL5 1HB

GWPD

KOBRAHSOFT QUALITY PD

Don't get bitten by buying cheap, poor quality P.D. we sell the best. If we haven't got what you want, please tell us and we will get it. we have over8000 titles available, so we should have something to interest YOU! We pride ourselves on our speed of delivery - we try and send out every order on the same day it is received - no waiting for DAYS. We accept payment by cheque, P.O. and Access and Visa. To give you an idea of what we stock:-

UTILITIES	GAMES
MIDIPLAY - plays music modules	MISSILES OVER XERION
MOST V1.56 - Text Viewer	NIBBY 2
INPUT LOCK V1.1 - Security Lock	MUTANT PENGUIN
CHARACTER GENERATOR	MULTI TETRIS
D.M.S. V2.03 - Data cruncher	TIME RUNNERS 17
MDSPOOLER V1.2 - DIR Utility	RUNNERMINE 6
CD PLAYER V1.1 - Plays your CD's	MORTON STRIKES BACK
A BACK UP V4.03 - Back up utility	SPIDERMAN 2
ADAM V3.0 - Calculator	DEADLOCK 8
VIRUS CHECKER - Detects viruses	SPACEBALLS
CALENDAR - Super Calendar Prog	DONKEY KONG
POWERCALC V1.5 - Draws graphs	FLIGHT OF THE INTRUDER
TURN V4.0 - Latest Comms program	MEGABALL
POWERPLAYER V4.0 - Music Util	STEWARDS ENQUIRY
RECALL V2.3 - Diary program	GALAGA 92
SCHEDULER V1.2 - Organiser	DEFENDER

We have hundreds more games and utilities and also:-
DATABASES, GRAPHICS, ANIMATIONS, SLIDES, MUSIC AND SOUND DEMOS, EDUCATIONAL PROGRAMS, FONTS, CLIPART, BUSINESS PROGS. We also stock a wide range of Spectrum and Sam Utilities.
Prices:- Disks£1. each, or send £1 for CAT disk or order to:-
KOBRAHSOFT, Pleasant View, Hulme Lane, Hulme, Longton, Stoke-on-Trent. ST3 5BH;
or phone 0178 230 5244. We also take Access and Visa.
P+P U.K. 25p; others 50p

VISA

PD POWER

WE STOCK - FRED FISH 1 - 1000 - SCOPE - T.BAG - ASSASSINS 1 TO 250+ & MUCH MORE

ALL TITLES ARE 1 DISK UNLESS OTHERWISE STATED IN BRACKETS

TETRIS
DR. MARIO
LEGO TETRIS
MEGABLOCK
2 UNLIMITED
POWER TETRIS
TETROID
KLAKTRIS
AMIGA BOY
AMIGA COLUMNS
SPELLTRIS
DIGITAL TETRIS
DIZZY DIAMONDS
NUMTRIS
HOTBLOX
TETRON
CLASSICS
DONKEY KONG
MEGABALL
MEGABALL II
ZOMBIE APOC
ANT WARS (2)
PENGO
PINGWYNNE
PACMAN DELUXE
PACMAN 3D
PUCMAN WORLDS
PLATFORMS
WIBBLE WORLD GIDDY
XMAS TIME
SANTA AND RUDOLPH
FRUIT SALAD
KELLOGS LAND 2meg req
HARRY THE HADDOCK
SMIDGE
JET SET BILLY (2)
OG THE CAVEMAN
JET SET WILLY (3)
WALLY WORLD (2)
NICKY II
THE SIMPSONS
GREEN 5
BEAVIS & BUTHEAD
A1200 ONLY
MEGABALL III
ZOMBIE APOC II
KLONDIKE AGA (3)
KLONDIKE II (3) HD
RELOKICK 1,4 DEGRADER
JINX (2)
SLIDER
MOTOROLA INVADERS(2)
ROCKETZ
ROCKETZ V2
SPORTS
COARSE ANGLER (2)
GONE FISHING
TENNIS
PUB DARTS
INT DARTS
MR MEN OLYMPICS (2)
18 HOLE GOLF (2)
FRIDAY NIGHT POOL
ALL ROUNDER CRICKET
SCOT FOOTBALL MGR
GRAND PRIX MANAGER
SUPER PRIX
PUNTER
A DAY AT THE RACES
TOP OF THE LEAGUE
PACKS
100 GAMES (7)
100 DEMOS (6)
CARDGAMES (5)
UFO UNEXPLAINED (6)
ALIENS MULTIMEDIA (9)
BOARD GAMES (5)
XMAS CLIPART (4)
XMAS MUSIC (4)
KLONDIKE CARDS
CINDY CRAWFORD
FACES
ANIME
HAJIME
IRON MAIDEN
SANDMAN
ELLE MACPHEARSON
STARTREK
DR WHO
STARTREK T.N.G
D + D
X-MEN
MONROE
RET OF JEDI
EMPIRE STR BACK
STARWARS
REN + STIMPY
VENUS
LION KING
SHERILYN FENN
& LOADS MORE

COL-A-MORPH DEMO A1200 ONLY GREAT MORPHING UTILITY

WE STOCK OVER 10,000 DISKS

WE ALSO HAVE A LARGE SELECTION OF THE FOLLOWING UTILITIES, DEMOS, CLIPART, SLIDESHOWS AND MUCH MORE

£1 per DISK 1 FREE with every 3. ALL PRICES INCLUDE POSTAGE and PACKING.
Please make cheques/P.O's payable to R.LLOYD. FREE CATALOGUE DISK WITH ALL ORDERS OR SEND S.A.E to PD POWER (DEPT.CU) 15 LOVETOT AVE, ASTON, SHEFFIELD, S31 0BQ.SORRY NO CALLERS

PIGMY CRUSH P.D.

DISKS FROM 60P PLEASE SEE OFFER BELOW

GAMES
MORTAL KOMBAT 3
BLACK DAWN 5 (2)
CARD GAMES 3 (3)
GEMZ
JET SET WILLY 3
SPRINGTIME
HYPERACE
DR STRANGE 2
M.A.S.H.
PENGO
DELUXE GALAGA V2.61
CLASSIC PUCMAN
HIGH OCTANE V2
ZAXXON
FLAMING ENGINES
SPELLTRIS
WALLY WORLD (2)
GREEN 5
JUDGEMENT DAY
SUICIDE MACHINE
CYBERGAMES (2)
CLASS E: LUNAR MODULE
LAST LAP V1.0
DARK ANGEL

UTILITIES
IMAGE STUDIO V2 (2)
SEKA 32 PRO V2
VIDEOTRACKER V2
TERM V4.2 (HD)
VIRUS WORKSHOP V5.1
MENUS & MORE V3.2
OFFICE UTILS
AMOSSIBLE
MAIN ACTOR V1.55 (HD)
FREEFORM 3D V1.9
MINIMORPH V1.1D
ONFORM V1.38
D-COPY V3.1
FINAL WRAPPER V3.0
PROGAMBLE V2.1
PROTITLER V2.1
SUPER DMS V2.0
SPONDULIX MK5
IMAGE ENGINEER V1.1
DOSMAN
EASYCALC V2.08
ICONTOOLBOX
MENUMASTER 3
EDWORD PRO V4

SPECIAL PACKS
DUPLICATORS PACK (6 DISKS) D-COPY V3.1, CRACK & COPY, FREECOPY, FLASHCOPY, LOCKPIC 2, NIBCOPY V2 £5.00
MUSIC PACK (5 DISKS) OCTAMED V2, OCTAMED TUTOR, +3 DISKS OF AMAZING KORG SAMPLES £4.00
ART PACK (8 DISKS) SPECTRAPAINT, R.D.S, START OF THE ART (UTILS&2), SCENERY CONSTRUCTION KIT, DPAINT FONTS £5.00
DEMO PACK (5 DISKS) STATE OF THE ART EXTENSIONS DEMO 9 FINGERS (2) TECHNOLOGIC DEATH £4.00
1200 STARTERS PACK (7 DISKS) AGA UTILS (3) 1200 DEGRADERS MOTOROLA INVADERS 2 (2) POINT OF SALE DEMO £5.50

SPECCY PACKS
1/ 10 DISKS OF GAMES + EMULATOR OF YOUR CHOICE £8.00
2/ 38 DISKS OF GAMES + EMULATOR OF YOUR CHOICE £25.00

1200 GAMES
KELLOGS LAND
JINX (2)
DELUXE PACMAN V1.6 AGA
KLONDYKE 3 (4) (HD)
FEARS 2
MALEDICTION
BATTLEDUEL AGA
CARD GAMES DELUXE (3)
STEP 5 AGA
ROKETZ V2.25
SAMURAI SHOWDOWN
VIPER AGA
MR BROWNSTONE
MOTOROLA INVADERS 2 (2)

1200 DEMOS
AXIS: PICTURE BOOK (4)
NEXUS 7
OLD BULLS: MOMENTS
TWISTED MINDS
SWITCHBACK DEMO
SOUL KITCHEN (2)
ROOTS AGA
MOTION ORIGIN 2 (2)
PSYCHEDELIC (3) (HD)
LECH DEMO

1200 UTILS
DIY REKO V1.1
ZXAM (020+) V1.60
BLITZBLANKER V2.5A (MUI)
SWAZBLANKER V2.7
ASI FIX DISKS 1&2 (2)
RELOKICK V1.41+
SUPERKILLER WB3
OLLYS AGA
VIDEOTRACKER AGA
STEROSCOPE V3.4A
ACTION REPLAY 4
AGA UTILS (3)
WINDSLEND FRACTAL GEN V1.0

KLONDYKE CARDSETS
ERIKA ELENTAK
SIMPSONS
CLAUDIA SCHIFFER
ASTERIX
GREY HAWK
STRAGE
THE MASK
PAMELA ANDERSON
HELLRAISER
WALLACE & CROMIT
& A HELL OF A LOT MORE

PRICES
1-4 £0.90
5-9 £0.80
10+ £0.70

P&P CHARGED AT UK. 75p PER ORDER ELSEWHERE ADD 40p

ASSASSINS GAMES DISKS 1 - 250, FRED FISH 1 - 1000, 2 DISK CATALOGUE SET £1.00 OR SEND 4 FIRST CLASS STAMPS PLEASE MAKE CHEQUES/POSTAL ORDERS PAYABLE TO PIGMY CRUSH P.D.
ORDERS TO PIGMY CRUSH P.D. DEPT. C.U. 5 SKOMER PLACE, SWANSEA, WEST GLAMORGAN SA5 5PH

OFFER CUT OUT THIS ADVERT AND GET YOUR DISKS FOR 60p EACH OR £1.50 OFF ANYSPECIAL PACK. ADD £0.75p FOR P&P TO YOUR ORDER

HORNESOFT PD -EST1990-

DEPT (CU) 23 STANWELL CLOSE, WINCOBANK,
SHEFFIELD S9 1PZ
TEL/FAX: (0114) 296-7825 MON-SAT 9.30am - 7pm

PD PRICES PER DISK:		POSTAGE	
1 - 5	65p	UK	70p
6 - 9	60p	Europe	25p per disk
10+	50p	R.O.W	40p per disk

SAMEDAY DESPATCH ON ALL ORDERS: 1ST CLASS POST.
CHEQUES / POSTAL ORDERS PAYABLE TO HORNESOFT P.D

KEY: (•)=A1200 ONLY (2)=NO OF DISKS (HD) HARDRIVE REQUIRED.

GAMES
Klondike 3 (6)(•)(4 Meg)
Alien Bash 2
Dark Angel
Nsquick
Galleons
Super Skiddy Things 3
Super Elf Squad
Blitris (•)
Mortal Kumquat 3
Black Dawn 5 (2)
Beavis & Butthead Tetris
R3
Course Angler (2)
Friday Night Pool
10 Games (7)
18th Hole Golf (2)
Dr. Strange 2
Fears 2 (•)
Tanks
Doomer (•) (HD)

UTILS
Hippoplayer V2.08
Essential Aminet 8
Varks Utils 8
Octamed V6 Demo
Blitz Blanker V2. (•)
Lotto Lunacy
Super DMS 2
Lottery Pro & Utils
Easy Calc V2.08
Virus Workshop V5.4
Virus Checker V7.17
Christmas Clipart (5)
Video Titler Utils (6)
Coc-A-Morph Demo
Coppiers Unlimited (2)
ASI Menu Creators
HD Games Installer 3
HD Games Installer 4
Basic Electronics V1.1
Icon Archive (3) (HD)
EPU Hardrive Stacker 1.70 (HD)

DEMOS
Batman (2)
Vivat Slovakia (2) (•)
Stilleto
Polka Bro's Ulven (•)
Baygon (•)
Fruit Kitchen (•)(HD)(2)
Zif Demo (2) (•) (HD)
Fanatic Hate 2 (•)(2)(HD)
C42 Demo (•)
Best of Iceing '95 Intros (•)
Capricorne One (•)
Interactive (2)
Tenebra Demo (•)

ANIMATIONS
Wile-Coyoce
Garfield
Diet or Die
The Tramp (3)
Babylon 5 Anim (HD)(3 Meg)

SLIDESHOWS
Sharon Stone (2)(•)
Borgman (3) (•)
Danni Minogue (3) (•)
Kylie Minogue 2 (3) (•)
A Few Good Men (•)
Dream Babes 4 (2) (•)
Calander Girls (3) (•)
Doom II Slides (•)
Friday 13th (4) (•)
Kathy Ireland (3) (•)
Female BodyBuiler (3)(•)
Dani Behr (•)
Kathy Ireland 2 (•) (3)

DISK MAGS
NFA "Word 7" (2) (•)
Grapevine 21 (2) (•)
NFA "Out of Space"
ZX Spec Files
WAC Special
Cool as Ice 2 (2)

EPIC PACKS ARE ALSO AVAILABLE ALSO A SPEC-TRUM GAMES PICK'N'MIX SERVICE

WE STOCK THE LOT
FRED FISH 1-1000
ASI GAMES 1-250+
17 BIT DISKS 1-3800
PD SOFT UTILS 1-1750
SCOPE 1 - 220
T BAG 1 - 74
+ LOTS, LOTS MORE

DISK OF THE MONTH
LOTTERY PREDICTOR £2.95
the above is the Best Lottery predictor and is the full version. Bang up to date Database. Just insert and go. Price includes Postage.
LICENCEWARE

CREDIT CARD HOTLINE (0114) 296 - 7825

WE STOCK OVER 16000+ DISKS:
FOR A FREE CATALOGUE DISK SEND S.A.E
OR ASK FOR ONE FREE WITH ANY ORDER

SADDLETRAMPS PD

AMIGA PD & SHAREWARE LIBRARY
Tel/Fax 01709 888127

F1 LICENCEWARE

F1 LICENCEWARE

Amiga Assist	£3.99
Punter v3.1	£3.99
Dynamate	£3.99
AMOSzine 8	£5.99
Greenies	£3.99
Push and Pull	£3.99
A. Beginners Guide v3	£3.99
Falling Down	£3.99

5D LICENCEWARE

Scm4 Mapper	£2.95
Disk-System	£2.95
Jump'Em	£2.95
Bouncer	£2.95
HILT	£2.95
Paradox 2	£2.95
Black Dawn II	£2.95
OG! The Caveman AGA	£2.95

UTILITIES
Virus Checker v7.17 KS2.+
AMOScedures
Super Crunchers KS2.+
Virus Workshop v5.4 KS2.+
Col-A-Morph demo
AnimPro (2 disks)

*** TEXT ONE ***

1 to 4 PD disks 95p each 5 to 9 PD disks 85p each 10+ PD disks 80p each	Send 50p for Catalogue Disk detailing 1000's of Great Titles

You can now download full product details and latest catalogue from MIDNIGHT EXPRESS BBS on (+44) 01384 865626

NO POSTAGE CHARGES ON PD & LICENCEWARE

1 Lower Mill Close
Goldthorpe, Rotherham
South Yorkshire, S63 9BY

PLEASE MAKE CHEQUES/P.O's PAYABLE TO SADDLETRAMPS PD

CU AMIGA MAGAZINE

0171 972 6700
MARIANNA MASTERS

WHAT DO YOU GET FOR £53

FREE TYPESETTING
FREE COLOUR
FREE COPY OF THE MAGAZINE
MORE TECHNICAL COVERAGE
MORE SOFTWARE COVERAGE
MORE PUBLIC DOMAIN COVERAGE
MORE PROMOTIONS
BETTER COVERDISKS
ABOVE ALL
THE BEST VALUE FOR MONEY PACKAGE IN THE AMIGA MARKET
NO 1 FOR CLASSIFIED ADS!

NJH PUBLIC DOMAIN

NJH,(CU) 12 Meesons Mead
Rochford, Essex SS4 1RN
TEL :01702 546796

FREE DISK FOR EVERY 10 ORDERED

DISK PRICES

80p per disk
Please add 70p to order for P+P
( ) after title=number of disks
CATALOGUE DISK 75p
or 3 1st class stamps (FREE WITH ORDERS OF 3 DISKS OR MORE)

only a small selection is shown in this ad feel free to phone for titles not listed or see cat disk for full lists. We also stock Fred fish upto 1000, Scope upto 210, Assassins games upto 226, Lsd tools, fonts, Clipart and much more

HOW TO ORDER: Tick titles required and send with your name, address and payment of cheque/postal order/cash Payable to **NJH** to the address at the top of this advert.Hand written orders also accepted.

ORDERS SENT BY 1st CLASS POST THE SAME DAY ALL DISKS ERROR/VIRUS CHECKED AND CARRY A ONE FOR ONE REPLACMENT GUARANTEE

GAMES

- Cardz
- Thesius XII
- Star Trek Adv (3)
- Last Lap
- Bomb
- Tommy Tankers
- Car Business
- Battle Duel
- It's The Pits
- Catapults
- Charr
- Springtime
- Jet Set Willy 3
- Diamond Caves
- Screech
- Pssst Turbo
- Mash
- Poker Mania
- Coin Mania
- Zaxxon
- Dynamite Warriors 2
- Board Games 2
- ABH (3)(HD)
- Emerald Mine Pro 4
- Dead Of The Night (3)
- Mangled Fenders
- Route 66
- Star Fighter (2)
- Team Tetris
- Thermonuclear War
- Og The Caveman
- Ultimate Fruitmachine
- Super Nibbly
- Starwoids (2)
- Super Mega Fruits
- Flaming Engines
- Jet Set Billy (2)
- Suicide Machine
- Commando Raid
- Cybertris
- Mech fighter
- Moria
- Arcade Classics 1
- Arcade Classics 2
- Wrestling (2)
- Solo Assault
- Great Gold Raid
- Space Taxi
- Fishy Fishy
- Day at the races
- Paradroid 64
- Gunfighter
- Punter
- Marbles
- Scottish Football
- Fruitmania
- Stewards Enquiry
- Automobiles
- Raise The Titanic
- Talisman (2)
- Ant Wars (2)
- Soccer Cards Usa
- Waynes World Pong
- 18 Hole Golf (2)
- Neighbours (2)
- Road To Hell
- G.Prix Manager
- Starbase 13 (2)
- Texas Chainsaw
- Star Trek (2)
- Mr Men Olympics (2)
- Skidmarks
- Gorf
- Tetris Pro
- Wibble World Giddy
- Deluxe Pacman
- Parachute Joust
- Megaball 2.1
- World Darts
- High Octane
- Kingdom At War
- Spaced Out

100 PD GAMES

100 great games on 7 disks that will run on any amiga. only £5.00
(please note that a few games on this compilation will not run on certain amigas)

UTILITIES

- HD Games Installer 3
- Virus Checker 7.16
- Lottery Master
- 3D Convertors (2)
- PC Tools
- Lottery Winner 2
- Term 4.3 (3)
- Magic Selector
- Delitracker 2.1 (2)
- VMM 3.2
- Pro Gambler 2.1
- Tools Manager 2.1 (2)
- Easy DMS
- Octamed 4
- Exotic Ripper v3
- P.F.S 9.5
- AF Copy 4
- Cross Mac
- Disk Manager 4
- Assign Manager
- Epoch Master 5
- Ab4 Package 3 (2)
- HD Games Installer 2
- Hardware Hacks
- AIBB 6.5
- Graphic Convertors (2)
- Silicon Journal
- Blitz Case
- Meny Menu
- Octamed Modules (4)
- Hard Utils 2000 (2)
- Cross Dos
- Rookies Copy utils
- MUI v2.3
- Speech Tools
- Star Trek Guide (2)
- Main Actor 1.55
- Dpaint 4 Buddy (2)
- Microprose GP ed V3
- Snoop Dos 3
- MPs Super Lottery
- Imagine 2 Buddy sys (2)
- Spectrum v2
- Speccy games (4)
- C Manual (12)
- D-Copy 3.1
- Lock Pick 2
- Freecopy 1.9
- Crack & Copy
- Hard Drive Utils
- 200 Utils
- Little Office
- 600 Business Letters
- Text Engine 5

PRICES FROM 60P

DEMOS

- World Of ASCII
- Doomed
- Zootie
- Metallica (justice)(2)
- Metallica (puppets)(2)
- Metallica (lightning)(2)
- Cotton eyejoe(2)(2meg)
- 9 Fingers (2)
- Flying Lessons anim
- The Fight anim
- Techno Warrior
- A Trip To DBase (2)
- State of the art
- Sikizzo 2 (4)
- Arte
- Wind It Up
- Rockily (2)
- Dream Trippin
- Jesus On E's (2)
- C.Cwarford Slides(2)
- Manga Slides (2)
- Vomit
- Revelations Slides
- Cappela (2)

MISC

- Grapevine 21 (2)
- UFO Info (6)
- Wiches Cookbook
- Magic
- Paranormal (2)
- Strange (2)

JUST IN

- Virus Checker 7.16
- Syndicate Pro
- Class Action
- MCP 1.05
- Fruit Kitchen (HD) (2)
- C42
- Bronx Dempro
- Scoopex No Name
- Scoopex Alien
- Oxygen Control (2)
- Pixel Storm
- Mine Runner
- Inner Deamons (4)

SPECIAL PACKS

LOTTERY WINNERS PACK 8 disk of predictors to help you win that big prize (maybe)	£6.00
BODYSHOP PACK 15 disks full of stunning swimsuit girls (AGAonly)	£10.00
BUSINESS PACK 4 disk set containing database, spreadsheet,W/P etc	£3.20
1200 DEMO PACK 11 disks of the latest demos for the 1200	£8.00
IMAGINE PACK 18 disks of objects,textures,help files and more	£12.00
LIGHTWAVE PACK 18 disks of objects, textures,help files and more	£12.00
ASSASSINS GAMES PACK 15 Disks full of the latest games	£10.00
MUSIC PACK 11 disks of the things you will need trackers,Mods and loads of Samples	£8.00
GIF BEAUTIES PACK 18 Disks full of some of the best pics you willsee(AGA)	£12.00
1500 FONTS PACK 700 font types most being various sizes making 1500 font (estimate)	£12.00

1200 ONLY DISKS

1200 GAMES

- Deluxe Pacman AGA
- **Bratwarst**
- Donkey Kong
- Battle Duel AGA
- War of The Worlds 4
- Child Murderer (4)
- Madhouse (2)
- Hyper Race (2)
- Super Combat 3 (2)
- Fears 2
- Jinx AGA (2)
- Tetris Duel AGA
- Samurai Showdown
- Rocketz
- Cybertech corp (2)
- Mad fighter 2 (3)
- Yatzooie II AGA
- Bacman AGA
- Zombies II AGA
- Aga Megaball
- Aga Tetris
- Motorola Invaders 2 (2)
- Viper
- Klondike (3)
- Klondike 3 (4)(h-drive)
- Card Games Deluxe (3)
- Cards for above 3 (4)

1200 UTILS

- AGA lottery Predictor
- **ZXAM Spectrum v2**
- Speccy games vol 1 (4)
- Speccy games vol 2 (4)
- Movieguide 2(2)(HD)
- ASI Fixes
- ASI Fixes 2
- **Action Replay 4 Pro**
- 1200 Diagnostics
- ASI Multivision
- Magic WB (hard drive)
- Magic WB Extras 9(2)
- Magic WB Extras 10(2)
- Magic WB Extras 11(2)
- Magic WB Extras 12(2)
- Videotracker AGA
- Andys Wb3 Utils
- AGA Utils # 1
- AGA Utils # 2
- AGA Utils # 3
- AGA Utils # 4
- AGA Graphic Utils
- Kick 1.3
- Symphonie Pro
- Kick 1.4
- Wb3 Backdrops
- Wb3 Virus Killers
- Wb3 Hacks
- Blackboard
- Windowblend
- WB3 Icon Editor
- AGA Blankers
- Complete Picture
- The Weather Guide (3)

1200 SLIDES

- Liz Hurley Slides (2)
- Doom II Slides
- Kylie Minouge (3)
- Danni Minogue (3)
- Pamela Anderson (2)
- Claudia II (2)
- Lingerie (5)
- Lion King (3)
- Cindy Crawford (4)
- Wild Wheels
- Niki Taylor (2)
- Babylon 5
- Red Dwarf (2)
- Holodeck (4)
- Bodyshop 8 (3)
- Aga Fantasy Pics
- Star Trek Aga
- More Star Trek (5)
- Erika
- Claudia
- AGA Manga (4)
- GIF Beauties (6)
- GIF Beauties vol 2 (6)
- GIF Beauties vol 3 (6)
- Sherilyn fenn
- Phoebe Cates
- Fit Chix (2)
- Fit Chix 2 (2)
- Fit Chix 3 (2)
- Lion King Clipart (3)
- Ham 8 Vistas
- Ferrari Slides
- Shad Art (2)
- Tutankhmun (2)
- Scan Is Lame (2)
- Deep 9
- Deeper 9
- Star Wars Slides (2)
- Cygnostic Slides
- AGA Slides (3)
- Worlds Beyond (3)
- NLP Rendershow (2)
- Eternal Slides (2)

1200 DEMOS

- Greenday (3)(3mb)(HD)
- On The Moon (4)(4mb)
- Cubic Dream (2)
- Psychdelic(3)(3mb)(HD)
- Manual Overdride
- **Deep (2)(HD)**
- Omen
- Motion Bomb (2)
- Wit Premium
- Apex Daisy
- Switchback (2)
- Whammer Slammer (3)
- Twisted Minds
- Breathtaker(5)(hd)(6meg)
- Imagine
- Ninja
- The Kid
- Shakka Lakka
- Explorer
- Pee Wee
- Soul Kitchen (2)
- Roots
- Nexus 7
- Killing Time (4)
- Twisted AGA (4) (6meg)
- Prey (2)
- Love (2)
- Some Justice 94
- Max Overdrive 2 (3)
- Fatal Morgana
- Ray World (3)
- Full Moon
- MindWarp
- Planet Grove
- Explicit 2
- Final Chapter (3)
- Friday at 8
- Mini Omistan
- Artificial Paradise (2)
- I Feel Good
- Brain State In A Box
- Neoplasma

ZX SPECTRUM V2

WITH THESE PACKS IT IS POSSIBLE TO RUN THE CLASSIC SPECCY GAMES ON YOUR AMIGA
COMPATIBLE WITH ANY AMIGA. FULL PRINTED LOADING INSTRUCTIONS INCLUDED
SPECTRUM & 100+ GAMES ONLY £6
SPECTRUM & 300+ GAMES ONLY £15
SPECTRUM & 600+ GAMES ONLY £25
(PLEASE SPECIFY WHICH AMIGA YOU HAVE)

CD ROM TITLES

UPD GOLD contains 4500+ disks packed on 4 cds only	£26.95
AMINET 8 all the latest utils,games,demos etc only	£13.95
SPECCY SENSATIONS 2 over 500 games on a cd only	£17.95
COLOUR LIBRARY over 1000 colour pictures	£8.95
AMOS 2 tonnes of AMOS bits & pieces	£17.99
64 SENSATIONS includes emulator and tons of data only	£17.95
SPECIAL OFFER. HOTTEST 4 OR UTILS 1-1500 original rrp price £19.99 each NOW ONLY £7.99 each or buy both for only	£14.95

(loads more cds in stock please phone or send a sae for a cd catalogue)

SPECIAL OFFER

ANY 20 PD DISKS FOR ONLY £14.00
OR
ANY 50 PD DISKS FOR ONLY £30.00

ACCESSORIES

DUST COVERS (specify 500,600,1200)	£2.50
MOUSE MATS (red,blue,grey,black)	£1.50
DISK CLEANERS with disk and fluid	£2.50
DISK LABELS 1000 4 colour labels	£9.95
50 DISKS BOX with lock and key	£3.95
100 DISKS BOX with lock and key	£5.95
AMIGA MOUSE with mouse mat	£8.95
PRINTER CABLE 1.5 meter	£4.95

(P+P ON ACCESSORIES IS FREE WHEN ORDERED WITH PD DISKS ELSE ADD £1.00 TO TOTAL)

AMIGA REPAIRS

FIXED PRICE ONLY £42.99 Incl. (A500/+,A600 ONLY)

Est. 14 Years

- Price includes PART, LABOUR, DELIVERY & VAT
- 90 Day warranty on all repairs
- 24 Hour turn-around on most repairs
- All upgrades purchased from us fitted free with repair
- Includes FULL DIAGNOSTICS, SERVICE & SOAK test
- If drive or keyboard need replacing add £10.00

AMIGA A1200 Repairs only £52.99 Fully inclusive

SPECIAL OFFERS

A500 Motherboard v7 *Fully populated (KS205)*	£59.00	A500 Plus Motherboard v8 *Fully populated (KS205)*	£64.00
A570 CD ROM DRIVE *Works with A500 & A500Plus*	£65.00	EXTERNAL DRIVE *For A500/A600/A1200*	£38.99
A500 Internal Drive	£29.95	A600/1200 Internal Drive	£35.95

CHIPS

8371 Agnus (A500)	12.60
8372A 1Meg Agnus	24.30
8375 2Meg Agnus	24.30
8374 Alice (A1200)	32.70
8362 Denise (A500)	9.60
8373 Super Denise	18.40
5719 Gary	7.60
8520 CIA (A500/+)	15.00
8520 CIA (A600/1200)	15.00
8364 Paula (A500/+)	12.34
8364 Paula (PLCC)	16.70

CHIPS

68000 CPU	8.50
Video DAC (A1200)	19.50
Kickstart 1.2	4.20
Kickstart 1.3	16.80
Kickstart 2.04	22.40
Kickstart 2.05	29.90
Kickstart 3.1 (A500)	58.00
Rom Sharer	15.00
NEW Modulators	29.50

All Spares are factory NEW and genuine commodore parts. All come with 12 months warranty(Except Chips)

CHIPS

Quality 2.5 Inch Int.HD
Suited for A600 & A1200

40 Mbyte	59.95
80 Mbyte	72.90
120 Mbyte	109.50
170 Mbyte	138.20
340 Mbyte	195.00

All drives complete with cable, fitting instructions Installation software and 12 months warranty

Add £1.00 P&P on chips, £2.50 P&P on drives & PSUs   We reserve the right to refuse repairs

☆☆☆☆☆☆☆ ATTENTION ALL DEALERS ☆☆☆☆☆☆☆
Our Company offer the most competitive dealer repair service on all home computers, Credit facility available. SEND FOR FREE INFORMATION PACK TODAY.

Service HOTLINE (0116) 2470059 FAX (0116) 2558643
DART Computer Services (CU) 105 London Road LEICESTER LE2 0PF

DART Computer Services
A Division of D.A. Computers Ltd.

PageStream Enhancer Pack

£9.95 3 disks of fonts
3 disks of clip art

Step-By-Step tutorials on installing fonts and clip art written by Larry Hickmott, author of the CU Amiga PageStream Tutorials

P&P £1.50UK / £3 Rest of World * Cheques UK bank or Postal Orders

Image Studio: 90% CU Amiga £15

ProDraw Upgrade Pack £16
Includes 1200 Upgrade, HD Install & manual

Professional Page 4.1 £49.95
2 manuals, 3 issues of Em, 3 disks of fonts, 87% Amiga Shopper

Em Magazine (Amiga DTP) 6 issues £12.96
Published by CU Amiga's & Amiga Shopper's DTP expert, Larry Hickmott.
Subscribe now and get 3 disks of fonts for PageStreamFREE!

Step-by-Step with ProPage £19.99
200 page tutorial book by Larry Hickmott

emc.INFO £9.99 *Font reference for EMC CDs*

Postage& Packing: UK £2.00 P&P, Europe £4, Rest of the World £5

lh publishing.
13 Gairloch Ave, Bletchley MK2 3DH
Tel:01908 370 230
Fax:01908 640371

CAT DISK £1 OR FREE WITH EVERY ORDER

FREESTYLE PD

TEL: 01922 710985

TWO FREE DISKS WITH EVERY 10 ORDERED

DISK PRICES
1-20 £1 EACH
21+ 75p EACH
P&P 50p PER ORDER

AGA GLAMOUR
- Claudia Schiffer
- Claudia Schiffer The Works(3)
- Cindy Crawford The Works(3)
- Beach Babes (5)
- Lingerie Babes (5)
- Kathy Ireland (3)
- Kathy Ireland 2 (3)
- Kylie Minogue (3)
- Kylie Minogue 2 (3)
- Nikki Taylor (new) (3)
- Female Bodybuilders (3)
- Christina Applegate (3)
- Madonna Sex (3)
- Playmates (5)
- Starkers 11
- Danni Minogue (3)
- Starkers 10
- Starkers 9 Famous Babes
- Calender Girls (2)
- Starkers 8 Pamela Anderson (3)
- Starkers 7
- Nikki Taylor (2)
- Starkers 4
- Starkers 5
- Starkers 6
- Starkers 3 Mixed
- Starkers 1 Anna
- Girls Girls Girls
- Asain Babes (2)
- Pamela Anderson (2)
- Elle McPherson The Works (3)
- Crawford Collection (2)
- Crawford Collection II (2)
- Big Girls
- Fit Chicks 3 (2)
- Fit Chicks 2 (2)
- Fit Chicks 1 (2)
- Big Top
- Erika Eleniak
- Pheobe Cates
- Sherilyn Fenn
- Bodyshop 7 (2)
- Blonde Bombshells (3)
- Blonde Bombshells 2 (3)
- Oriental Ladies (3)
- Oriental Ladies 2 (3)
- Patricia Ford
- Paula Porozkoka
- Anna Nicole Smith
- Calendar Girls 2 (2)
- Ultimate Crawford Collection (2)
- Lunatic Nudes

UFO
- Finding The Truth 1,2,3 (3)
- Paranormal Investig (2)
- Roswell Slides (2)

GAMES
- Card Games Deluxe (2MB) (3)
- M.A.S.H
- Scavenge (WB3+)
- PSST AGA
- Hyper Race (2MB) (2)
- Cyberman
- Step 5 AGA
- Dr Strange 2
- Ace the Space Case
- Jet Set Willy 3
- Poker Mania
- Cyber Games (2)
- Carnage
- Puc Man
- Ultimate Fruit Machine
- Hi-Lo Card Game
- Super Mega Fruits
- Donkey Kong
- Top of the League
- Monopoly
- Scrabble
- Top Hat Willy
- Battle Duel
- Master Blaster
- Friday Night Pool
- Island
- Springtime
- Last Lap
- Deluxe Pacman (ECS)
- Deluxe Galaga 2.6 (WB2+)
- Statistic Monopoly
- Mortal Kumquat
- Egg Scramble
- Thelsius XII
- The Pyramid (2)
- Alien Bash II
- Rebellion
- Super Combat 3(2)
- Gemz
- Platman
- Antz
- Boomin Eck
- Wooglies
- Cardz
- Wheel of Fortune
- Defender
- Derring Do
- Black Dawn 5 (2)
- Duck Dodgers
- Mine Runner
- Trap em
- Dark Angel
- Skid Racer
- Nimble
- Data Storm (2)
- Circus Game
- Black Night F. Mach.
- Necronom

KLONDIKE CARD SETS
- Klondike (3)
- Klondike 3 (HD+4MB(4)
- Madonna Sex Book 18+
- Pacific Coast Glamour 18+
- Marilyn Monroe II
- Cindy Crawford
- Cindy Crawford II
- Fireman Sam
- Elle McPherson II
- Babylon 5
- Asterix
- Hell Raiser
- Beavis & Buthead
- Playboy 18+
- Playboy II 18+
- Lion King
- Pretty Woman
- Hired Girls 18+
- Pleasure 18+
- Generations
- Patricia Ford
- Starkers
- Kathy Ireland
- Pamela Anderson
- Claudia Schiffer
- Rosie & Jim
- Wallace & Gromit
- Ren & Stimpy
- Doom IIA
- Prehistoric
- Erika Eleniak
- Erotica 18+
- Pinochio
- True Lies
- Stargate
- Gremlins
- Dream Girls 1 18+
- Females 18+
- Babes 18+
- VT Dupcie Chics 18+
- Real Beauties
- Dreams 1 18+
- Dreams 2 18+
- Nude 1 18+
- Nude 2 18+
- Hot Women 18+
- Wet Babes 18+
- Famous Women
- Batman Forever
- Body Piercing 18+
- Pulp Fiction
- Time Cop
- X Files
- X Files II
- Deep Space Nine
- Killer Instinct
- Toonies
- World Atlas

AGA GAMES
- Motorola Invaders (2)
- Megaball V3
- Cybertech Crop (2)
- To the Death
- Hoi
- Baza n Runt
- Masquerade
- Rocketz
- Tetris Duel
- Jinx (2)
- Child Murderer (4)
- Deluxe Pacman AGA
- Breakin Bricks (HD)
- Kellogs Land
- Fears Preview II
- Gloom Preview
- Bratwurst
- Wheelbarrow Sim
- Malediction (2)
- Skidmarks 2 Cars (2)

BEST AGA DEMOS
- Origin (2)
- Ray World (3)
- Full Moon
- Bigtime Sensuality (2)
- Real
- Mina Omistan
- Soho (3)
- Numb
- Friday at Eight
- Gevallia
- Love (2)
- Some Justice 94
- Switchback (2)
- Animatunes (2)
- Wit Premium
- Nexus 7
- Psychedelic (3)
- Cubic Dream (2)
- The Prey (2)
- Motion (2)
- Dove (2)
- Roots II
- Lech

LATEST AGA DEMOS
- Brain Dead
- Baygon
- Planet M
- Picture Book (4)
- Zif (2) (HD)
- Fruit Kitchen (2) (HD)
- C42
- Blowing Brain
- Control (2)
- Water Whisper

FOR A RAPID RETURN PLEASE MAKE CHEQUES/POSTAL ORDERS PAYABLE TO: FREESTYLE PD,
DEPT CU, 108 WOODSIDE WAY, SHORTH HEATH, WILLENHALL, WEST MIDLANDS WV12 5NH

PD ENTERPRISE

Pathways (CU), 1-2 John Street, Unit 17,
Sunderland, Tyne/Wear, SR1 1DX
TEL: (0191) 5109191
FAX: (0191) 510 2203

Special Packs (Prices include Postage & Packing)
BUSINESS 10 disks £8 Text engine 4.1, 600 Business letters, label Printers, Messy Sid 2, Forms United, Virus Z 2, Epoch 3, A2 spell, D-Copy 3.1 and Lones & Accounts.
SPECTRUM 38 disks £24 Over 500 classic games! choose AGA emulator if you own A1200 otherwise V2.
COMMS 8 disks £7 Guide to the Internet, guide to Comms, Sid 2, Afax, N-Comm 2, Internet Utils, BBS simulator and Disk Archivers.
BEGINNERS 15 disks £9 Choose 5 disks from the games section, 5 from Utilities and 5 of your choice Please state computer.
BODYSHOP 15 disks £9 Lots of lovely swimsuit girls for the AGA
GIF BEAUTIES 20 disks £15 girls AGA
FIT CHIX 6 disks £4 AGA.
CG FONTS 15 disks £9.
ADOBE FONTS 15 disks £9.
BITMAP FONTS 15 disks £9.

DISK PRICES
1-10 80p each * 11-24 70p each
25 disks or more 60p each
1 FREE DISK WITH EVERY 5 DISKS BOUGHT
P&P £1 * Catalogue (2) £1 (inc. P&P)
Europe + 20p p/disk, R.O.W. + 40p p/disk
All cheque's/PO's to PD ENTERPRISE
LIMITED PERIOD OFFER - ORDER 10 DISKS OR MORE FROM THE SAME SECTION, THEN THOSE 10 DISKS COST 65P EACH * DOES NOT INCLUDE P&P

UTILITIES
Artistix
Bookie Beater
Course Form
Horse Forecaster
Birthdate History 2.21
Crossword Creator
Fantasy Football Maker
Magic WB 1.3
Tiny Toons Clipart
Lion King Clipart (3)
Lion King Clipart
Epoch 5
Award Maker 2
Amiga's Beginners Guide
Dummy's Guide to Internet
Mr Greedy Story
Banrey the Bear
Project UFO (6)
Imagine Buddy (2) (HD)
X Files Guide
Desktop Magic
Source n code 2 (2)
Text Engine 4.1
Pro Gambler 3.1
Personality Analysis
Global Facts (2)
IQ Test & Games
Slide Show Maker
Gas Trick
How to Code In C (2)
Pascal
A-Fax 1-2
Amiga Dos Tutorial
Words 2-3 (HD)

UTILITIES WB2+
WB3 Beginners Guide
Turbocal 2
Image Studio 2 (2)
Transition 1-1
PC Task 5-1
Team 4-3
Magic WB1-2p
Magic Workbench WB
Extras (2)
Relokick 1-4 Final
Doom Morph AGA
Heddley 1-1
Main Actor 1.55
Pro Titler 2-1
Parnet 1-4
Shape Shifter (4MB) (HD)
ZX-Files Issue
Frodo 1-7
DIY Reko Cards (2) (Image FX)
WB2 Beginners Guide
Movie Guide (2) (HD)
AGA Icon Editor

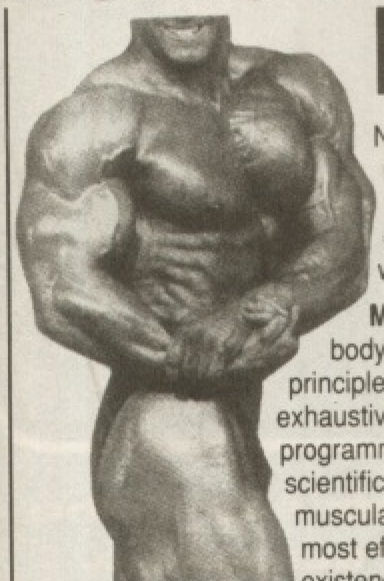
A1200 SLIDES
Doom Slides
Bodyshop 8 (3)
Elle McPhearson (3)
Pamela Anderson (2)
Star War (2)
Madonna Sex (3)
Street Fighter 2 & Manga
Danni Minogue (3)
Kylie Minogue (3)
(Please state over 18)

GAMES
Chaneques (2)
Dominoes (WB2+)
Dat at the Races
Roulette
Ult. Fruit Machine
Carnage (WB2+)
Gravity Force (2)
Super Obliteration
Infestation
Kellogs Land
Real Man Long
Springtime (WB2+)
MASH
Skid Racer
Battle Duel ECS (2)
Child Mirderer (3) (WB2+)
Deluxe Pacman 1-6 (WB2+)
Black Dawn 5 (2)
Deluxe Galaga 2-6 (WB2+)
Star Trek (NG)
Scrabble
Monopoly
The Therapist
Super Mega Fruits
Last Lap (WB2+)
Top of the League
Dr.Strange 1
Metro Sim
Severed Heads (2)
Smoke'em Poker
Scorched Tanks 1-85
Ant Wars 2
Stewards Enquiry
Mr. Men Olympics (2)
Inner Demons (4)
Extreme Violence 2
Battleships

1200 GAMES
Black Jack (3)
Battle Duel AGA (2)
Fears 2
Poker Mania
War of the Worlds 4
Art of Breaking Heads (6)
Cyberman
Cybergames (2)
Dead of the Night (3)
Deluxe Monopoly
Bratwurst
Gloom
Klondike 3 (4) (4MB) (HD)
Masquerade
Jinx (2)
Mortal Kumquat 3
Ooze AGA 2
Rocketz 2-25
Super Combat 3 (2)
Tomcat (7) (4MB) (HD)
Yatzooie 2
Zombies
The Devils Abode
Speed = Doomer 2
Psst! AGA
Samurai Showdown
George Glaxo (2)

We do not condone or supply illicit hardcore material.

BUILD MUSCLES FAST!



NEW! Fastest way to build muscles and strength without weights – EVER! Just 35 minutes daily in the privacy of your home will develop an amazing physique.

MUSCLE DYNAMICS is a new body building system based on principles developed after years of exhaustive research. It is a total exercise programme involving the very latest scientific breakthroughs in the field of muscular development. It is the fastest, most effective way to build muscles in existence.

Noticeable results in 28 days guaranteed.

Send for FREE Information Pack.

MUSCLE DYNAMICS, P.O. BOX 70, DOUGLAS, IM99 1EH.
Tel: 0624 801023 (24 hrs)

MUSCLE DYNAMICS, P.O. BOX 70, DOUGLAS, IM99 1EH
Yes! I want to build muscles fast. Please rush me a FREE information pack!

Name.......................................BLOCK
Address.......................................CAPITALS
....PLEASE
.... Postcode ....
(A stamp for reply appreciated)

Centurion P.D — only 75p per disk

QUALITY PD & SHAREWARE

CD ROMS NOW AVAILABLE

BC MODS & SFX - Packed with Mods Samples and FX	9.99
CPPD THE ORIGINAL - Fish 1-660 & Other Misc Data	9.99
CPPD II - Fish 661-760, Scope Disks, AB20 Archives	9.99
CPPD III - Fish 761-890 Archived & ready to run	9.99
DEMO CD - Modules, Anims, Fonts & Clipart	9.99
ILLUSIONS CD - Full of Stereogram Pics & Utils	9.99
BC CLIPART & FONTS - Very large collection	9.99
W/S FONTS - Adobe, CG, Bitmap, IFF, PS, PCX & More	9.99
W/S CLIPART - EPS, IMG, COloured, IFF, Bitmapped Etc	9.99
EUROSCENE - 1000's of demos from around Europe	14.99

FREE P+P ON ALL CD ROMS

POSTAGE RATES UK= 75P PER ORDER, OTHERS 1.50 PER ORDER 2 DISK CATALOGUE 1.00 OR SEND 2 X BLANK DISKS & SAE. IF YOU SUPPLY THE DISKS THEN PAY ONLY 40P PER DISK.
KEY: () DENOTES NUMBER OF DISKS, ALL DISKS WORK ON ALL AMIGAS UNLESS OTHERWISE STATED.

HOW TO ORDER : SEND YOUR NAME AND ADDRESS, ALONG WITH YOUR PAYMENT TO:
CENTURION P.D (DEPT CU), 24 WASTWATER DRIVE, WOODCREST, BRADFORD, WEST YORKS BD6 2TN.
AND MAKE YOUR CHEQUES AND POSTAL ORDERS PAYABLE TO B.G REED (MRS)

ORDER HOTLINE *tel. (01274) 677673* 24 hrs

GAMES
G015 SHEPHERD - Brilliant populous clone
G046 18 HOLE GOLF (2) - Very good golf sim
G058 OVERLANDER - Superb graphics
G071 GAMEBOY TETRIS - Just like Gameboy
G085 100 PD GAMES (7) - Superb collection
G092 SENSI MASSACRE - Shoot Hollands Players
G096 HUGO (3) - Recommend!!!!! Troll Game
G097 STAR BASE 13 (3) - RPG game
G108 TAKE EM OUT - Arcade shootemup
G102 DONKEY KONG - Arcade version
G107 MARIO IN WONDERLAND - Superb graphics
G114 TOP OF THE LEAGUE - Footy management
G115 UM SENSI SOCCER - Just like Sensi
G120 GREEN 5 - Superb!!! Flashback clone
G124 DELUXE GALAGA - Fantastic!!!!! Get it
G128 POKER MANIA - Bandit/Poker Sim
G146 BATTLE DUEL - 2 player tank game
G144 SUPERCOMBAT 3 (2) - Cannon Fodder clone
G141 DR STRANGE 2 - Mega!!! Top PD Platformer
G142 M.A.S.H - Lemmings clone
G135 CHANEQUES (2) - Dont miss this
G143 JUMP EM - Pizzle game
G150 CODE NAME NANO - Great thrust clone
G151 ALIEN BASH 2 - Alien Breed Clone
G152 DELUXE PACMAN - Great Pacman clone
G153 DUCK DODGERS - Brill platformer
G154 INNER DEMONS - Text adventure
G155 BRATWURST (AGA) - 1, 2 player shootemup
G139 DIPLOMACY - Risk type game
G134 MR MEN OLYMPICS (2) - Summer sports
G118 INTERNATIONAL CRICKET - Neat cricket sim
G116 WIPE OUT - Space shoot em up
G110 ALL ROUNDER CRICKET - Good cricket sim
G112 FIGHTING WARRIORS - Street fighter clone
G115 HIGH OCTANE - Motor racing sim
G101 X-BALLS - Puzzle game
G098 WORLD DARTS - 1 or 2 players
G076 USA '94 - Soccer cards
G073 STRIKE BALL - Baseball sim
G070 STAR TREK (3) - Control the enterprise
G062 METRO - Build your own rail link
G017 AMOS COIN DROP - Fruit machine sim
G012 KISS THE CANVASS - Boxing sim
G041 BATTLE FORCE (WB2+) - Strategy game
G068 SLAM BALL - Speed ball type game
G073 MENTAL IMAGE 2 - Commercial quality
G099 NEIGHBOURS (2) - Ramsey street rpg
G103 DR MARIO - Tetris clone
G122 WET BEAVERS - Well put together
G120 SCOTT FBALL MANAGER - Manager sim
G125 XENEX - Superb !! asteroids game
G127 PROPERTY MARKET - Make Millions
G129 MANGLED FENDERS - Bash the other cars
G130 F1 RACING SIM (5/600) Great racing sim
G136 TEAM TETRIS 1.36 - Play as a team
G140 SPRING TIME (WB2+) - addictive
G148 A DAY AT THE RACES - Horse race sim

DEMOS
DM08 SPACEBALLS WAYFERER - Brill demo
DM12 SILENCE OF THE LAMBS - Demo
DM46 SPACEBALLS S.O.T.A - Superb demo
DM47 AGATRON - Animation pack
DM54 JESUS ON E'S (2) - Superb demo
DM55 SONGS RACK (AGA) - 9 Techno tracks
DM56 RAY WORLD (3) (AGA) - Superb demo
DM59 ROOTS II (020 processor)
DM60 TEMPLE OF DECEASE (AGA) - Great demo
DM61 DRUGSTORE (2) - Fantastic demo by Abyss
DM62 VOMIT - from Duplo
DM63 LECH (AGA) - New release
DM64 ZOOTJE (NOT 5/600) - Beavis & Butthead
DM65 GREEN DAY (2) (AGA) - New release
DM66 NOT THE 9 O'CLOCK NEWS (2) - Very funny
DM77 ITCHY & SCRATCHY No 4 - Very funny
DM69 ITCHY & SCRATCHY No 2 - Very funny
DM76 BIG TIME SENSUALITY (2) (AGA)
DM75 ALIEN INSPIRATION (AGA) - Latest
DM74 GEM X (2) (AGA) (4MB) - Fantastic
DM73 MOMENTS (AGA) - Latest release
DM72 ANIMATUNES (2) (AGA) - Great Demo
DM71 HOLLIDBB JAMIN - New release
DM70 DAS OMEN (AGA) - Latest release
DM68 GRAPEVINE 21 (2) - The wait is over

UTILITIES
U03 TEXT ENGINE 4.1 - Top PD text editor
U04 PC TASK - Run PC progs on your Amiga
U09 GARDEN DESIGNER - Design your own plot
U11 LAST WILL AND TESTAMENT - Just sign it
U18 ASI BOOT UTILS - Lots of them
U19 ASI CRUNCHERS - Lots of them
U29 AMICHECK V2.0 (WB2+) - Cheque book prog
U38 SPECCY EMULATOR + GAMES (2) - Superb
U42 AMIGA PUNT - Betting predictor
U47 DISK SPARE - Expand your disk capacity
U49 JR COMMS - Modem package
U52 WB 3 BACKGROUND (WB3) - Lots of them
U53 LITTLE OFFICE - Small office utils
U54 CLUMPY ICONS - Loads of them
U55 SPACE WRITER (1.3) - Demo maker
U61 S.I.R.D.S - Create your own images
U63 SUPER DARK - Screen blankers
U67 HD CLICK - Hard drive menu maker
U70 MAINACTOR 1.55 - Animatin editor
U71 COP THE LOT PRO - Lottery predictor
U72 ACTION REPLAY PRO V4 - Superb utility
U73 1200 HD SET UP DISK (WB2+) - v. good
U77 MEGGA ED - Superb text editor
U86 VIRUSZ II (WB2+) - Excellent virus program
U87 A64 PACKAGE - Brilliant C64 emulator
U88 SYSINFO 3.24 - Analyse your system
U89 MINI MORPH - 50 time faster than other PD progs
U91 TEXTURE STUDIO (WB2+) - Imagine texture renderer
U92 BBLANKER 3.6 (WB3+) - Superb screen blanker
U95 PROGAMBLE 2.1 - Gambling predictor tool
U96 T.U.D.E V1.00 - The ultimate degrader and enhancer
U97 STUDLEYS HD INSTALLERS 3 - Install games to HD
U100 MAGIC WBENCH 1.2 (WB2+) - Very powerful
U98 MAGIC WBENCH EXTRAS (WB2+) - Use with U100
U99 MAGIC WBENCH EXTRAS 2 (WB2+) - Use with U100
U104 WORKBENCH 1.3 (WB2+) - Degrade 600/1200 etc.
U107 GOLD ED 3.0 (020 PROCESSOR) - Brill !!! Text editor
U108 MANDELLA - Amazing fractal generator
U126 MENU MAKER (NOT WB3+) - Create menus with ease
U131 MODEM UTILS - A superb collection
U152 PRINTER DRIVERS 2 - Yours might be in here
U153 PRINTER DRIVERS - Another large collection
U158 POWER LOGO - Excellent word processing pack
U165 RIM DATABASE - The best available in the PD
U176 SID 2.0 - D-Opus type file utility
U201 ULTIMATE DISK CREATOR - Need we say more?
U216 VIDEO TRACKER - Wow!! A superb video package

CLIPART
CA019 ESSENTIAL CLIPS - Over 130 clip art images
CA018 CARTOON BRUSHES - Ready to use with D Paint etc

MUSIC
MU19 ENHANCED SOUND TRACKERS - A good collection
MU21 OCTAMED V4 - A superb 8 track music package
MU22 MED 3.21 - As above but with 4 tracks
MU35 DRUM STUDIO (1.3) - Fantastic drum machine
MU86 JUKEBOX - Play CD's while you work

EDUCATION
E007 C ENCYCLOPEDIA (10) - Comprehensive guide
E011 D PAINT III TUTOR - Essential for D Paint work
E014 EASY SPELL II - Kids spelling package
E018 G.C.S.E MATHS - Fantastic!!! Gain top marks
E063 KEYQUICK - Typing tutor

Into the next millennium

what's coming your way in the world of PC hardware?...



...the visionaries and the doomsters have their say in the next issue of PC Review, the best home PC magazine.

On sale 15 November.

ON CD: 31 programs including playable demos of AIV Network$, Hexen, Wing Commander IV, Alien Odyssey, Baryion, and Threat. PLUS Apollo 13 — what really happened on the ill-fated mission? PLUS four fantastic utility demos, including Picture Publisher 5.0.

*RRP as of 23/10/95. Source Et Cetera.

PC REVIEW



Frequently asked questions

Lights, camera, action! Everything you needed to know about animation on the Amiga is here, frame by frame.

Q. How do I prevent running out of memory when creating animations on my Amiga with Deluxe Paint?

A. First of all, keep the total number of colours in your animation to a minimum. If you can, keep to 16 or less. If you are dealing with images with lots of colours, ie ray traced or digitised, use HAM mode as dithering (using special pixel patterns to give the illusion of more colours) uses up memory.

Secondly, use the lowest resolution screen mode you can get away with. With HAM mode it is surprising how good low resolution PAL appears. If you are going to record your animation, use a video overscan mode. Interlaced modes record well to tape but doubles the amount of memory actually required.

Secondly, buy more memory. If you have an A1200, you should fill your trapdoor with as much RAM as possible: a total of 6Mb is a minimum useful amount. Also, keep movement to a minimum. Remember that it is the difference between successive frames that will be stored: two identical frames one after the other will only need enough memory for the first frame, the second will be 'free'.

Finally, if using a paint program for creating your animation, remember that the Amiga will also need to keep the paint program itself in memory

Q. Can I render animations with Imagine or Real3D?

A. Yes, both these programs and all other 3D rendering packages allow animations to be made automatically. Once you build your objects you can control their movements in the 3D 'space' and decide how an imaginary camera can track their movements.

The rendering software will then either generate a series of still frames or create a single Anim file. Some software, like *Read3D v3*, will allow objects to 'collide' and can alter movements according to the laws of physics.

Q. How can I make an animation of digitised images?

A. Animations of 'real' video (people or television for example) is difficult, as a single frame of colour TV can consume about 1Mb of memory. Only storing the differences between successive frames doesn't work very well with video either but that's not to say it isn't possible.

You will need extra hardware and the cheapest is probably the VideoMaster from HiSoft, (tel: 01525 718 181, price: £69.95) which will grab low resolution monochrome video and sound simultaneously. The quality makes it strictly for fun but it's very impressive.

The ProGrab digitiser can grab frames quite quickly (especially the PCMCIA version) and like the VLAB Y/C system it will take several runs through a video tape to make sure all pictures have been digitised.

The best solution is undoubtedly the VLAB Motion card, which captures video and compresses it with JPEG compression in real time to store it on disk and play it back. This card costs £1,000 and requires a very fast hard drive.

The MPEG format is designed for video playback and Amiga systems do exists. However, they are rare and encoding is expensive and slow.

Q. I want to play back and record a long animation onto video tape, how do I do it?

A. Physically connecting the Amiga to the video recorder depends on your hardware and the quality you require. An A1200 has a colour composite output which can be connected to the AUX Video In connector on a video recorder, or via a suitable lead, through the Scart input socket. Remember to switch your video to AUX IN rather than a TV station.

Some graphics cards (such as the Picasso fitted with Pablo card or the Power Computing Flicker Fixer) will also provide a high quality video signal.

Other models of Amiga may require an external modulator (the A500 or A2000 for example) or a genlock (which although primarily designed to mix Amiga graphics and 'live' video also provides a good video signal from the standard RGB monitor port).

Recording lengthy animations can be done in three ways:

1. Buy about 32Mb of RAM and store the entire animation in memory (not always feasible, unfortunately given the price of memory).

2. Play back the animation in sections, pausing the video recorder between each. This technique will take practice and good timing.

3. Store the animation on hard drive and use a program like *Viewtek* to play it back in one go. For this to work, you may need to take all the individual frames which make up your animation and turn them into one big Anim file. The best software for this is The *Art Department Professional*, which uses a utility called FRED to combine and edit all the frames. In this way you can easily create an animation many megabytes in size, even if you only have a little RAM.

Viewtek comes with a utility called MakeAnim7 which converts a standard Anim file (such as that created with *AdPro/FRED*) into a new Anim7 format. (*Personal Paint* also supports Anim7). Files stored in Anim7 mode play back a lot more smoothly from disk.

Q. I have lots of different animations and titles which I would like to combine with Amiga sound effects and music files. What software do I need?

A. You can make simple animations and sound productions using little more than *ARexx* (see last month's Amiga Masterclass for details) but dedicated software is required for the desired effects.

Software like *MainActor* is designed to playback animations and synchronise sound effects, but you can also achieve a lot with Multimedia Software such as *CanDo* or *Scala*. These systems require a little more work, but will definitely provide the best results

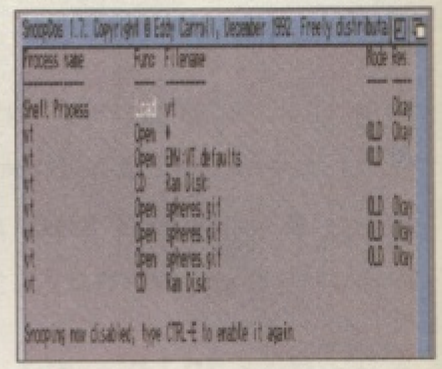
Q. Will an FPU make any difference to animation speeds?

A. No, a Floating Point Unit will make no difference to animation playback rates or even to a paint program like *Deluxe Paint* or *Personal Paint*. An FPU will, however, speed up any image rendering or image processing jobs by a considerable amount and unless you know for certain you won't need these applications you should buy an FPU at the same time you get an accelerator card. ■

John Kennedy

Masterclass

A new datatype pops up on a cover disk or BBS every few weeks. What the heck they are and what could mean for you? We reveal all.



▲ Figure 1: VT tries to load but can't.

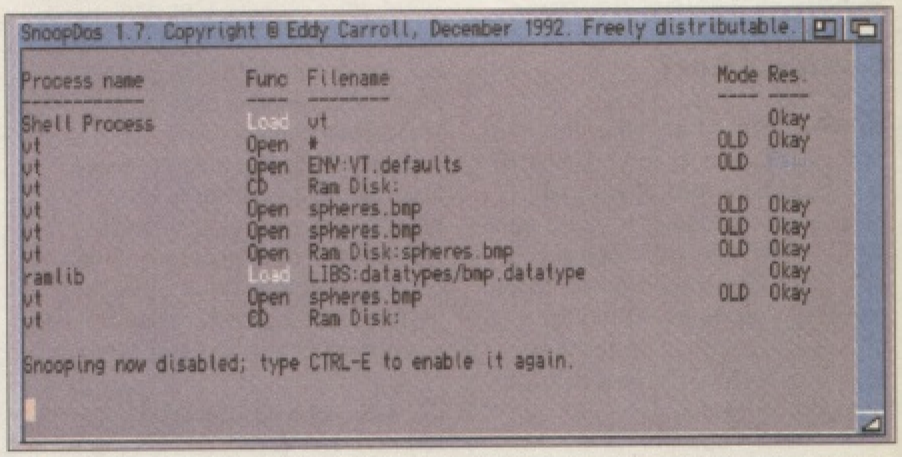
Ever wondered what happens when an Amiga application doesn't know what to do? It doesn't just give up: it asks a datatype for help. Datatypes were one of the few obvious improvements which came along with Workbench 3: you won't be able to use them on Workbench 2.04 or older systems and therefore you'll need to buy a Workbench 3.1 upgrade kit (try Blittersoft 01908 261477 or Brian Fowler Computers 01392 499 755) which consists of new Kickstart ROMS and system software.

What are they?

The idea behind datatypes is to divorce application programs from data formats. Rather than have an application, a paint program for example, worry about all the different file formats let it know about datatypes instead. The specific datatype knows how to decode an image in IFF, GIF or JPEG format – the application program only needs to know that it can ask the datatype to do the conversion on its behalf.

This technique works very well, especially as when a new file format comes along it is only a matter of writing a new datatype. If we happened to invented a new file format with built-in compression called PlopCrunch, then all we need to do is create a PlopCrunch datatype for all the existing programs which support datatypes so it can read the files.

Normally what happens is that the application program will first of all try to use the loading routines which have been programmed into it: these will usually be faster and more flexible. If the application can't load the file in this way, it asks the system if a datatype is available. If so, the datatype loads the file and passes the data



▲ Figure 2: VT cannot load because it cannot read BMP files. This is easily corrected by adding a BMP datatype.

to the application program.

You can see this happening below in a grab of the *Viewtek* (VT) image viewing program in action. I have used the excellent *SnoopDos* utility to see what is going on behind the scenes.

In figure 1 you can see the VT program load, look for some defaults (unsuccessfully) and then load the image file spheres.gif. The VT program already 'knows' how to load GIF files and doesn't need to use a Datatype.

In figure 2, the image is stored in BMP format – the BitMaP format which Windows uses. BMP is pretty sloppy in that it doesn't compress data, but if you deal with PCs you may come across it. VT loads the file a few times but clearly doesn't have a clue how to deal with a BMP file, so it uses the BMP datatype. The datatype opens and then it loads the BMP file on VT's behalf.

Another program which makes extensive use of datatypes is Multiview: the viewing program which comes as standard with the system standard. *Multiview* doesn't know anything but

Here's what some readers did with their WB



Since the last plea, several generous readers have sent their Workbench backdrop into the office. Examining other people's screen shots is a great way to get ideas to smarten up your own system: remember even with no additional software you can still use the Preferences tools to give your system a totally unique Workbench display.

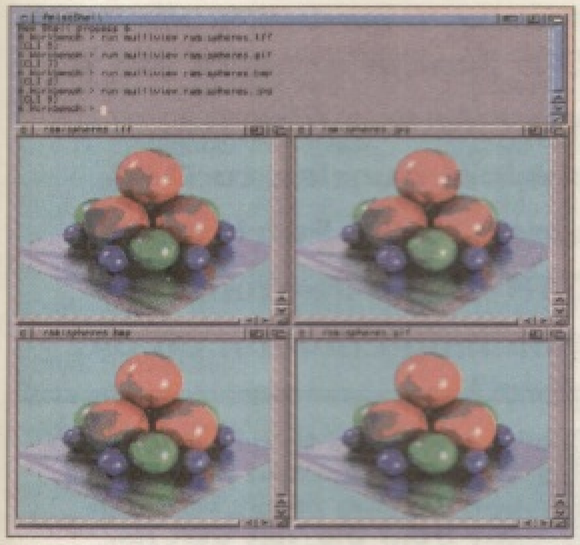
The images this month are provided by Mick Pilgrim from Worksop (see left) and Wayne Oldham (see bottom right) from the Tony Hancock Appreciation Society (details of which can be obtained from 426 Romford Road, Forest Gate, London E7 8DF).

Mick's display uses a coloured backdrop picture (rather than a tiled pattern) in bold colours. He has used a very 1960's OCR-style font for the Icon names and a Menu utility for a 3D appearance.



Wayne has also used a single image for the backdrop (this time in more subtle colours) and pretty obviously he is a bit of a fan of *Scala*. Notice also the various utilities scattered around the display: a clock, calender, trashcan program and very sensibly a virus checker.

If you want the world to see what your Workbench looks like, send a grab on disk to Workbench pieces of creativity c/o John Kennedy, CU Amiga Magazine, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU. Remember to include details of any special utilities you have running, as well as how many colours your display takes up.



▲ Multiview lives on datatypes enabling it to load most image formats.

datatypes, which makes it extremely flexible. Not only will *Multiview* load and display any image you have a datatype for, but it will also load and play animations, sounds, text files and even AmigaGuide documents. *Multiview* is a well kept secret and it pays to experiment with it, as it is a very powerful tool.

Besides simple viewing programs likes *Viewtek*, some art programs such as *Personal Paint* also support datatypes. Hopefully, with the Amiga's future looking bright thanks to Escom's marketing and pricing policies, more applications will be updated to make use of datatypes and other OS3 specific features. If you feel like complaining that it is unfair of datatypes not to work on OS2 or 1.3 then I'm afraid you won't get much sympathy. If you had a PC you would be falling over yourself to cough up the money for Windows 95, so do yourself a favour and get OS3.1 as soon as you can.

Installing datatypes

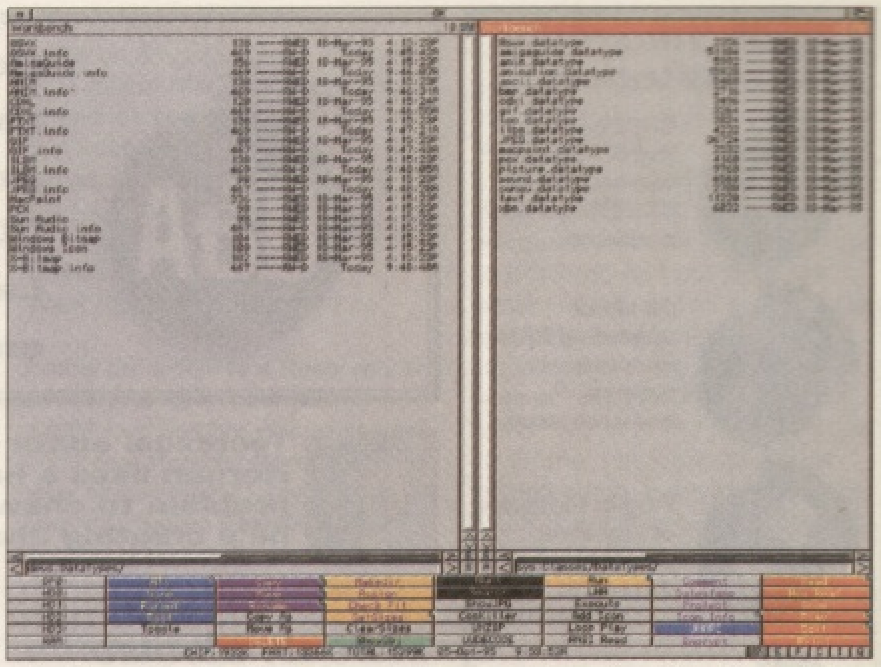
An 'out of the box' system includes only a few datatypes: text, AmigaGuide, sound and some image formats are provided in order to give *Multiview* something to play with.

Adding some new datatypes is therefore a good idea and only needs a few seconds work. There is no configuration to do: it's only a matter of copying some files.

Each datatype consists of two parts. The first with have a name ending in .datatype, for example. JPEG.datatype. This file must be copied into the Sys:classes/ datatypes/directory.

The second file will be the one with an icon and it will be simply called JPEG or GIF or BMP or whatever. This file must be copied to the devs:datatypes directory.

The screenshot of *Directory Opus* at work, top right, lists the



▲ Here Directory Opus lists all the datatypes which I have on my system, my favourite one being the CDXL datatype which I use to play bits from CDTV CD-ROMS. Check out below for an example of this.

datatypes which have been installed on my system. One of my favourites is the CDXL datatype, which I can use to play snippits of video from old CDTV CD-ROMs. Now *there* was a file format which we should all have heard more about. ■

John Kennedy



▲ An image from the Heroic Age of Spaceflight CDROM for the CDTV, loaded via the CDXL datatype.

Where can I get datatypes?

Where do all the datatypes come from? Most of them are written by Amiga users because they need them for a particular project: and then decide to make them public domain.

The best place to find them is on the Aminet, either a CD-ROM or the Internet site. Look in the Aminet/util/dtype directory for the latest list. Here is the current contents of the Aminet archive at the time of writing.

There is a great spirit of healthy competition to create the fastest and best quality datatypes, especially for image formats and especially for JPEG and GIF types, so it pays to keep a lookout for more up-to-date versions.

You'll also be able to find datatypes on many Bulletin Boards, as well as magazine cover disks. At least now you know what they are actually for ...

aiff_dtc.lha	AIFF/AIFC datatype, v1.11	MacSND-dtc-107.lha	Datatype subclass for Mac sound resource
ams.lha	Sun audio (.au) and X-Bitmap datatypes.	mandt_v39.4.lha	Unix manual page datatype v39.4
AOM_Raw_dt40.2.lha	Loads pics on American/World Vista Atlas	maudDTr1.lha	Sound datatype: MAUD IFF Format 32Bit/OS3
binarydt_39.11.lha	Displays any binary file	MREKO-1.0.lha	Datatypes for KlondikeAGA cardsets
BMPdt404.lha	Bmp picture datatype v40.4 for >= OS 3.0	MultiPrint.lha	Datatype based printer driver V39.0beta
cdt.lha	Highlights c/c++ keywords	PCX.datatype.lha	PCX datatype V39.2 for Amiga OS 3.0 and
clidt.lha	V39.1 displays standard out of a cli-command	picdt_42_1.lha	C= Datatypes for Windows Icons, .BMP, Mac
DeBox_DT40.2.lha	Loads debox images from CDTV/CD32 titles	png_dt.lha	PNG Datatype v1.0
dfadt-391.lha	Datatype for DFA	PostScriptDT.lha	PostScript Datatype V39.0
exeDT394.lha	Executable datatype v39.4 for >= OS3.0	QRT_DT.lha	Datatype for PovRay dump format (QRT)
FontDT-1.0.lha	Datatype for Amiga fonts	REKOdt392.lha	Datatype for REKO cardsets, needs WB 3.0
FontDT-1.1.lha	Datatype for Amiga fonts	smpDTr1.lha	Sound datatype: Samplevision 32Bit/OS3.0
fpHSN_dt40.1.lha	A datatype for MaxonMagic's .HSN samples	SUNdt396.lha	V 39.6 of datatype for Sun Raster images
fpVOC_dt40.2.lha	Simply the best VOC datatype around!	TargaDType.lha	Datatype for Targa or TGA images, V 39.2
fpWAV_dt40.2.lha	Simply the best WAV datatype around!	textdtpatch.lha	Patches datatype to support searching
GIFdatatype-39.lha	GIF datatype for OS 3.0 and up	tiff.dtype.lha	TIFF datatype. Convert 24-bit images
icon_394.lha	Icon datatype v39.4 for >= OS3.0	TIFFDT.lha	V40.3 to read TIFF files
infoDT39.1.lha	DataType for Amiga .info files	TPD.lha	Tron's PCX DataType 39.7
jfif_dtc.lha	New JFIF/JPEG datatype (OS 3.0+)	tx16wDTr2.lha	Sound datatype: Yamaha TX16W 32Bit/OS3.0
jfif_FIX.lha	Bugfix for JFIF/JPEG datatype (AGA)	WPGdtype.lha	Datatype for wpg images, V 39.0
JpegDataType.lha	A JPEG datatype, 3.0+ and '020+ required	ZGIFDT39.16.lha	The fastest gif.datatype there is

Logos, meanings and mysteries:

CD32 queries, ParNET and various other CD ROM-related problems.

All about upgrading RAM, operating systems and processors.

Plug-in hardware of any kind: scanners, disk drives etc.

Answers to queries on particular pieces of software.

Music, sampling, MIDI and anything that makes a loud noise.

Miscellaneous tools to keep your Amiga running smoothly.

Form-feeds, page-breaks, preferences and lots, lots more!

Monitors, TVs, modulators, screen-modes and all that stuff.

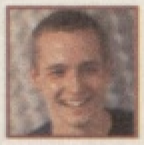
Pixels, sprites, animation, pictures. In one small word: graphics.

Spreadsheets, databases, organisers, accounts ...

Everything you need answering about the internet

Not everything fits into a pigeonhole, but anything you like fits in here.

Got a problem? Our Amiga experts are on hand to resolve your Amiga queries. Address your technical queries to Q+A, CU Amiga Magazine, 30-32 Farringdon Lane, London, EC1R 3AU. Alternatively email us at Q+A@cuamiga.demon.co.uk.



Technical editor Tony Horgan likes a hardware problem to chew on while he's creating choons.



Mat also likes to get stuck into your Amiga-related problems, when we can finally tear him away from the 'net that its.

Thrash about

When I get a guru error due to program crashing and I reset the computer (soft boot) the hard drive starts going absolutely nuts trying to boot up. While this is going on messages appear saying 'disk not validated' and 'ram:t not found', or it boots all the way through to Workbench and still continues to access. Even when I cold boot after switching off for 30 seconds the hard drive still constantly accesses. Sometimes the accessing stops of its own accord, and other times I need to prompt some disk access from the Workbench which then stops it.

Ben Perry via E-Mail
sbv4@aberystwyth.ac.uk

There's nothing wrong with your drive. This process is quite normal. If your machine was writing to the hard drive and an errant program caused your machine to crash, the disk structure is corrupted. The Amiga's filing system knows about this and will scan through the entire drive and should correct the corrupt structure. This is the constant disk activity you witnessed. Because your Amiga is multitasking, it will still try to boot which causes the drive to thrash rather noisily.

The solution is to reboot with both mouse buttons held down. Select 'Boot with no startup-sequence' in the early startup sequence screen. Then simply wait for the drive activity to finish (don't run any programs) and then reboot again. Fourth Level Developments' (tel: 0117 985 4455) Ami-FileSafe file system doesn't suffer from this problem, so it may be a good idea to get hold of it if this is happening regularly. AFS will also speed up your drives.

Music bugs?

I've just turned 18 and my friends bought me the September issue of CU Amiga as a birthday present. As I am a computer musician, I was delighted to notice that disk 115 included with the issue contained *OctaMED 5.04*.

I started to make a song with it. However, after using it for some hours I found many major bugs in it. The speed commands (Fxx) aren't working and the speed sliders don't have any effect (well, sometimes they do). Also the 9xx command (sample offset) makes the block scroll slower (it's like the Fxx command). The program has also gurued three times for no reason. And when I enter the 8ch mode, samples won't play any more, they just say tick, tick, tick (snap, crackle, pop).

Also the guide which was on the disk doesn't work. Some sections of it work perfectly but most of them don't. The article in the magazine didn't tell much either. Where can I get full documents from? And... where could I get a working copy of *OctaMED 5.04* from? I am disappointed. The program has great potential. Is the CU Amiga version the only one with those serious bugs? I really wish you were able to help me.

Mikko Tuomela via E-Mail
ravel@sci.fi

It's important to remember that all of OctaMED's commands are made up of two hexadecimal digits, although the first digit of most of them is zero. The sample offset command is 19 rather than 9. 9 on its own will change the tempo in OctaMED but is used to change the sample offset in ProTracker. The 0F command is used to change the tempo in OctaMED and also to perform a few miscellaneous tricks, such as triggering notes a number of times on a single line or delaying notes slightly. It's also worth remembering that if you load a Soundtracker module into OctaMED, some of OctaMED's commands are temporarily changed for compatibility with Soundtracker commands.

As for the messed up 8 channel sound, we couldn't get our copy to do it, so we're stumped on that one. Our guess is that you are setting some of the options in the wrong order. OctaMED 6 is highly recommended, as it comes with a printed manual and loads of new features. It's available for £36 in the UK, £39 in the rest of the EC, and £41 in the rest of the world. Payment from overseas should be in the form of a banker's draught or Eurocheque, payable to 'RBF Software'.

Send your order to RBF Software, 169 Dale Valley Road, Southampton, SO1 6QX.

If you're still lost for a solution, you can email your problem to RBF software at rbfsoft@cix.compulink.co.uk.

Bigger A500 HD

I have an ancient Amiga set-up that is great for my needs but needs a slight tuning for perfection. Any help with the following questions would be most useful;

1. I have an A500+ with an A590 20Mb hard drive. I desperately need a larger hard drive. Is the best solution an external SCSI drive linked to the A590 or to dump the 20Mb XT drive and fit a larger drive in the A590 case?

2. The existing drive in the A590 is very slow (230K/s). Is this the drive itself or the controller? If I add a 1Gb drive, will I get 2Mb/s transfer and 9ms seek?

3. I find *ImageFX* (off your cover disk) a fantastic time saver when compiling Imagine renders into animations using the IMP processor. Unfortunately you have not done a tutorial on this powerful tool. Is there any way to find out the commands?
4. If you send me the *ImageFX* manual, I will write a tutorial for publication in your excellent magazine. How about it?
5. I am about to upgrade my processor to the MC68010. Will I have problems with software compatibility? Surely if programs work on the 68020 based Amigas the will work on a 68010?
6. I want to split the output from the RGB port between the modulator (for a composite out to a video deck) and an RGB monitor. If I split the output will I introduce noise to the final output? If so what would be the best way to reduce this noise?

Simon Hortop,
County Durham.

1. Both these options are viable and we know both to have been successfully performed in the past. Which one is best depends on the size of the new drive. If you've bought a cheap 540Mb SCSI drive, there would be little point in the expense of housing it externally just to keep the (slow) 20Mb unit.
2. Unfortunately the A590 SCSI controller isn't very fast either. However with a proper drive mechanism you should get about double that transfer rate. Seek rates will be identical.
Another factor is that the 68000 isn't capable of shifting the data at the highest rate modern drives can handle.
3. Check out this month's ImageFX tutorial which this month covers the IMP batch processor.
4. Nice try.
5. You'll have no problems. Any A1200 compatible material will run on the 68010 (so long as it doesn't need the AGA chipset). This will reduce your rendering times slightly, but perhaps one of the 68020 boards for the A500 might be a worthwhile investment, such as that offered by Power Computing (see their advert in this issue).
6. This isn't really possible on the A500. The problem is not noise but rather that video signals can't simply be 'split' into multiple outputs. They need to be 'buffered' with special circuitry, otherwise the brightness level will drop as it's shared between both devices. This is not acceptable for driving either an RGB monitor or a video recorder. You could connect your monitor to the video output of the video recorder for one possible solution. Since you've shown a keen interest in expanding your A500 based system, we won't recommend outright that you upgrade to an A1200 (considering the spec of your A500 already) but unfortunately the A1200 and A600 are the only Amigas having both buffered RGB and composite outputs.

Dodgy supply

I have an A1200 fitted with an 80Mb hard drive that keeps resetting itself periodically for no apparent reason. This is very annoying, particularly if it happens to do it whilst writing something onto the hard drive. What do you think is wrong with it? Does it sound expensive?

Mr I Williams,
Nottinghamshire.

This could be one of several faults but it's probably down to your power supply. Commodore provided a measly 25 watt unit in the last Amiga batch and these couldn't power their way out of a soggy paper bag. The solution is to purchase a more capable unit from one of our advertisers. Datel's Goliath at £44.99 is a healthy option. You can reach Datel on 01782 744707. However, to find out if this is the problem, you might like to try and swop your power supply with that of an old A500 or even remove the hard drive for a time to see if that helps. If it does, the power supply is almost certainly to blame.

A1200 Tower

I would like some advice before I splurge out on some serious expansion. I have spent more than a reasonable amount of time drooling over the Ramiga Z5 Tower for the A1200, with a view to purchasing a Picasso II board amongst other bits.
1. If I was to install a second-hand motherboard from a CD32 instead of my 1200s, would I gain/lose anything other than the AKIKO chip?
2. Could I Install a SCSI2 hard drive and a Blizzard 1260 accelerator with SCSI controller?
3. Does *PageStream 3.1* have EPS support? If not it's emulator time!
4. *ShapeShifter* and *Emplant*: can they be used together to capitalise on *ShapeShifter*'s ability to read recent Mac ROM chips & Emplant's ports for AppleTalk?
5. If used with a Picasso II board, would these emulators run the Mac version of Dark Forces?

Unknown,
West Sussex

Fitting the Amiga in a Tower case is an excellent idea. A machine of A4000 spec could be created at much lower cost. However Ramiga have gone bust so their Z5 Tower is no longer an option. There are other developers reportedly working on their own and we at CU Amiga know there's a massive market so it's just a question of who comes out with the goods first.
1. Well, you could put a CD32 in a tower but you still wouldn't be able to connect a keyboard or any A1200 trapdoor expansion devices. The CD32 doesn't have those facilities.
2. If you fitted an A1200 motherboard to a tower, yes indeed you could. However, you would have to plug the Zorro slot break-out board into the trapdoor expansion slot in which case your trapdoor is used making it full so you couldn't use an accelerator.
Hopefully, some enterprising developer will create an A1200 Zorro break-out board with a passthrough for accelerators. If you mean with the CD32 motherboard, the answer is definitely no.
3. Yes it does.
4. You could use Emplant to capture the ROM images but the AppleTalk ports won't work with ShapeShifter. Of course if you had an Emplant board you have no need of ShapeShifter at all and can use its Mac emulation which supports AppleTalk. ShapeShifter does, however, support AppleTalk via any SANA-II driver which comes with any Ethernet Zorro card. Perhaps it'll work via the PLIP parallel SANA driver to another Macintosh emulator on another Amiga. Any readers who have tried this, please let us know.
5. Yes indeed you can. In fact we played this and other doom-a-like games on our A4000 running ShapeShifter – and they said the Amiga couldn't do such things!

A right mix up

I use an A1200 with an 80Mb HD and 6Mb of RAM. When I saw your October cover disk for desktop publishing I thought 'that is for me'. Desktop Dreams eh? Dream on, your cover disks as a rule are very good but I think that this one got away. Having worked out a fly poster for an imaginary club, I went to print it.

Now correct me if I'm wrong but I thought that publishing programs were for printing. Not so this one. All I got from the printer was a load of garbage. No nice little sketches I had made, nor was there any of the headlines or text. NOTHING OF THE SORT. 'My God the printers given up on me' I thought. Out with Protext again. Everything worked A O.K. Conclusion, the fault must lie with Desktop Dreams.

Unknown.

Oh dear. We think you might have a slight observational problem. The fact that you missed that the package is called PageStream 2.2 (written in a 97 point font at the top of the cover disk instructions) indicates you might also have missed the fact that you have to set up your printer in PageStream as indeed you have to do in any other DTP package on the planet. Protext has either got your printer driver set-up correctly or is using your Workbench preferences. We recommend that you purchase the manual from Soft-Logik or follow the tutorial closely.

Wrong images

Using your excellent *Image FX* cover disk (CU Amiga June '95), when I go to save out a picture, I am offered a number of file formats. If I choose ILBM I usually end up with very large files. However, if I select JPEG the files are drastically reduced in size. If JPEG files are so much smaller, surely the other formats are useless? Help?

Nick Speaker
Oxford.

The reason that the JPEG files are smaller is because the use a 'lossy' compression technique, so called because some of the definition is lost in the process, defined by the quality setting. ILBM files include all the original data for each pixel. ■

NO SAES PLEASE
We regret that we cannot respond to readers' queries by post or over the phone. Please do not include stamped addressed envelopes with your letters, as we simply don't have time to answer the thousands we receive. Responses are only possible through the pages of the magazine.

Back chat

Welcome to the pages of the magazine that are dedicated solely to your views and thoughts on all things Amiga. Want to join the party? Write to: Backchat, CU Amiga Magazine, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU.

Letter of the month

More power to Escom, they have an impossible job ahead of them. They have to create an Amiga that will keep its head above water against increasingly powerful PCs.

However, the average Amiga user is part of the problem. Joe Amiga seems to be convinced that that it is possible to create an Amiga that blows away PCs, MACs and consoles, has endless memory and hard drive space, for about $500. Please try to understand that 'killer' technology costs and having a top of the line computer means laying down some dinero.

When the Amiga 1000 was born, it was miles ahead of the competition, with its graphics, sound and price. Your A500 has been around for a decade now and it might be time to upgrade. Don't get me wrong – my souped up A1200 will still do things my Pentium won't and I'll take Workbench over Windows anyday but in many respects PCs have passed over the Amiga. What would you rather write a cool new game on? An Amiga, where the standard is still 1-2Mb of memory and no hard drive, or a PC, where the standard is at least 486/33 with 4-8Mb of memory and at least a 300Mb HD! I would be more than happy to spend $1500-$2000+ on a good, powered up Amiga but the existing market won't support it. If you love the Amiga, spend some money, for heaven's sake.

I'm not saying we should go overboard, but we're going to have to try harder if we expect the Amiga to, once again, surpass the clones. Either that, or it is time for the Amiga to redefine itself as a low-cost alternative to power computing - ie. the 'almost as good' computer.

You can't expect the current crowd of A500, A600 and A1200s to push those pixels fast enough. I really don't like to sound this bitter, I love the Amiga but it is quickly losing ground and we Amigans are to blame. Stop treating the Amiga like a toy and then whining when it doesn't put the other computers to shame.

Norman MacDonald, Spokane, Washington USA

Not just a games machine

I feel that people are unduly distressed about the contents and price of the new A1200 pack. Those who only want an Amiga to play games on are probably right in saying it is overpriced, but they must understand that the Amiga is a computer not just a games machine.

With the inclusion of programs such as *Wordworth4* and *Photogenics*, the £400 price tag is justified when you consider that you're getting hundreds of pounds worth of software as well as a top machine.

However, the general rule seems to be to compare the price of the Amiga with the price of the Saturn or the Playstation. This is completely absurd to compare games consoles with computers. I mean, when will you ever see *LightWave* or *Image FX* or the many other excellent programs on any of these 'next generation consoles'?!

Another bone of contention is the lack of games such as *Ridge Racer* on the Amiga but we already have *Pole Position* and *Virtual Karting*. When *Doom* came out nobody thought it could be done on the Amiga but look at *Fears, Alien Breed* and *Gloom*. Someone like Team 17 will bring out games like *Ridge Racer* and *Virtua Fighting* eventually. So what are you all moaning about?

Name and address witheld

Beginner's dilemma

In order to survive, the new Amiga A1200 must have top of the range software like *Scala* and *Wordworth* to help sell it. But what about new users? I remember when I first got my Amiga I didn't have a clue how to use it and, in all fairness, not even your magazine could help me. It's all very well having modern, complicated software but for the Amiga to succeed they need to put in some simple-to-use stuff too, to make new and unfamiliar users feel comfortable. No computer is very easy to use from scratch but the Amiga has this potential. Who really wants to wade through those manuals?

Eamon Mac Anna, Belfast.

There is a certain element of truth in what you say, but there is also a limited amount that Amiga Technologies can supply with the Amiga. Simple software would quickly become useless because, as you said, the Amiga is easier to use than most so you will soon get up to speed with something like Wordworth or Photogenics. As mentioned in the news pages of this magazine we've included a starters guide to the Amiga, which should help new users, but the best way to learn a system is to use it regularly and, boring though it may seem, read the manuals.

Poor man's Doom

Thankfully, after the previous months of uncertainty the Amiga is still here ready and waiting to receive the supposed influx of 'great' titles queuing up to get a look in.

These titles include *Gloom, Fears* and *Alien Breed 3D* and have been heralded as ground breaking *Doom* beaters. Well ground breaking they might be, *Doom* beaters they certainly are not. I may just be nit picking but in these types of games a rocket should explode on impact, and the bad guys should have more life. Instead they hover about aimlessly until they are eliminated in a blaze of anticlimax in an unimpressive two frame animation, as is the case in *Fears*.

Alien Breed 3D, however, is a lot better than *Fears*, though. It has well animated and varying enemies, unfortunately the graphics are too blocky and the gameplay view is confined to that small window. I haven't played *Gloom* so I can't comment on that although it was reported to have no save option, forcing the player to finish the game in on session or start from scratch. This is ridiculous. I've played the *Doom* series and *Dark Forces* on the PC. They are something to behold and sadly the Amiga's batch barely scratch the surface.

It's not just *Doom* clones that have wound me up, I've been waiting for *TFX* for two years now and have just read that *Frontier II* is to be put on hold. It's sickening, Amiga owners have to put up with a lot of rubbish from these people and it's becoming very boring. *Fade to Black*, the 3D sequel to *Flashback* is now available for the PC and it looks stunning. Will it be available for the Amiga? Fat chance, Why? If decent software is there then people will pay for it, even upgrade their machine in order to play it. I whole heartedly agree with Mat Bettinson who wrote an article (welcome to tomorrow, CU Amiga Oct 95 pg 130) stating people will upgrade if they're given a incentive and its true. It doesn't cost that much to improve an A1200 considerably, if I can afford to do it anyone can.

I hope that Amiga technologies get their act together and really try to make the Amiga work, restoring the faith of the consumer and publisher in a machine which is being left at the back of the class due to ignorance and laziness.

The quality of software has to improve and potential buyers have to know of the Amiga's existence through advertising and shop demos.

We've been saying this for years. It would be a crying shame if the Amiga finally fails after all its been through, after so many have worked hard, only for it to be superseded by the current toy consoles.

Jon Mills, Manchester.

Er what???

My company is currently developing a networked marine training simulator based on an Amiga. Could you please advise on possible contacts for companies or individuals, preferably in this area, who could manufacture custom input devices such as azimuth controls for ships' headings etc.

Michael Maccy, Nutec, Unit 3 Southern Deemouth Centre, South Esplanade East, Torry, Aberdeen AB1 3PB. Tel: 01224 248 481.

Eh? Azimuth controls? Ships' headings? Maybe our readers could help? Contact the above address if you can.

Crossed wires?

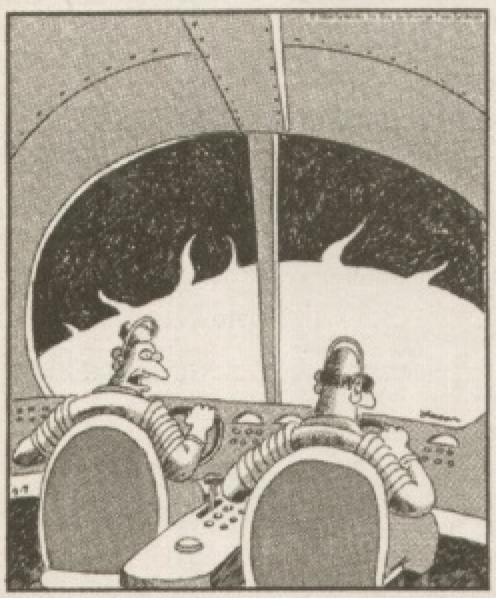
Surely Escom have got their wires crossed somewhere? As a business user, I use my Amiga for a variety of uses, including video and multimedia work and during last year, it seems that every time I walked into a shop or telephoned a computer company, I was told that the Amiga was dead and that I was throwing my money 'down the drain'. I decided to ignore the comments and put my faith back into the only machine capable of performing miracles on a small budget.

Since the Amiga has been out of the picture, the competition have been working on their own 'multimedia systems', effectively moving in on one of the Amiga's strongest markets. Sure, the Amiga still has a few aces up its sleeve but even these are looking shaky. There was a time, not so long ago when the Amiga was the only small budget computer capable of handling multitasking and multimedia marvels. *Light Wave* showed the industry just how serious a machine it was. Today, there are Multimedia machines everywhere, running their own hastily written, *Scala*-type programs and their own versions of *LightWave*.

The Amiga's strongest asset was its ability to perform miracles at a fraction of the cost of similar systems. However, at over £2000 for an A4000T and no low-cost A4000 desktops, the Amiga is being priced at at a rate that makes it out of the reach for most individuals and a cost that might steer business users to the competition. Come on Escom, don't let us down, on the one thing that may destroy the Amiga's long term future.

David McLaughlin, Scotland.

THE FAR SIDE By GARY LARSON



"It's no good, Dawson! We're being sucked in by the sun's gravitational field and there's nothing we can do! ... And let me add those are my sunglasses you're wearing!"

Attention Matt, Loughton

Desperately seeking Matt from Loughton. Yes you, Matt Barlow from Loughton, A chap called Neil Adams form Norfolk has kindly sent in a copy of the BBC emulator that you were asking about in Backchat October 95.

Please send in your full address or contact us here at the office, so we can send it out to you.

Upgrade, why don't you

I totally agree with Mat Bettinson's 'Welcome to tomorrow' points of view in the October issue. The reason the PC is so successful at the moment is that PC owners are willing to buy the latest upgrades in order to play *Doom, Doom II, Bioforge, Dark Forces etc*. When *Quake*, which is *Doom III*, appears it looks like nothing short of a Pentium will do. I have a PC 486 DX2 80MHz 12Mb RAM CD Rom at the moment and that is quite adequate to play 99% of PC games.

In total it has cost me £500 to upgrade from a 286 to present. I got the 286 for free. It really upset me when Amiga owners moan about paying for more RAMetc just to be able to play moderately enhanced games. PC hardware costs a lot more than Amiga stuff and does just the same job, yet PC owners buy extra hardware in their droves!

Here's a small tip, 72 pin Simms advertised for the PC also work 100% okay with Amiga RAM expansions, yet are much cheaper. You can pick up a 4Mb SIMM for only £85 pounds inc VAT and P&P, yet some Amiga suppliers charge £139!

Julian.smith@drugnet.co.uk>

Here's another small tip. Make sure you know whether your expansion board takes single or double sided SIMMS. If you buy the wrong type it simply won't fit, regardless of how cheap it is.

Fears cover disk

Unfortunately there seem to have been some difficulties with last month's Fears cover disk. If you've had problems loading the full three level demo return your disk to: Disk Express 7 Willow Court, Bourton Industrial Park, Bourton on the Water, Gloucester GL54 2HQ. WARNING: please make sure to create your Citadel disk first and keep it before you send this disk back as you will only receive a three level demo of Fears in return for your disk.

TEAM TALK

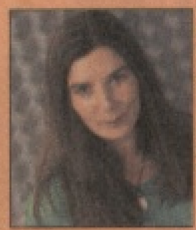
November 5th, the annual celebration of Guy Fawkes' hot demise, saw the team abandoning their Amigas and heading down to a local hostelry for some liquid sustenance and stories ...

ALAN DYKES



I once knew a bloke called Guy Fawkes! He was small, had mousy blond hair and walked with a limp. He said he was related to the original Guy Fawkes but we didn't believe him until he tried to blow our school up and the cops caught him and burned him at the stake. This is genuine. True. Honest.

LISA COLLINS



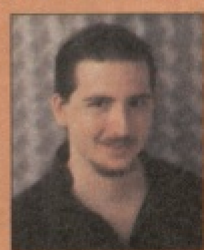
I hate Guy Fawkes night actually. It's the fireworks that annoy me most. In fact I hate planes, trains, tubes, ships, cars, crowded pubs, open spaces, closed spaces, people coughing, silence, scary stories, moonlight, empty telephone boxes, but most of all fireworks that go whoosh-bang and make me jump.

TONY HORGAN



When I was a kid we used to create what were known as smellyworks. This involved finding a large dog turd, sticking a firework in it and setting it off. It created an awful mess and our mums used to kill us but it was great fun. But don't try this at home folks and always wear rubber gloves and goggles.

MAT BETTINSON



"What's Guy Fawkes night?" asked our Antipodean staff writer. After the niceties of the execution of a 17th century terrorist and the subsequent celebrations were explained Mat exclaimed: "do you really need such a lousy excuse to drink beer and set things on fire?" In Australia they do this all the time. It's called 'a barbie'.

HELEN DANBY



I went to a fortune teller when I was very young who predicted that, when I grew up, I would go to Art school and work with the letter A. I didn't believe her because, at the time, I wanted to be a nurse and work with children. I suppose in way I did end up working with children but that's another story. (Watch it–Ed).

JOHN KENNEDY



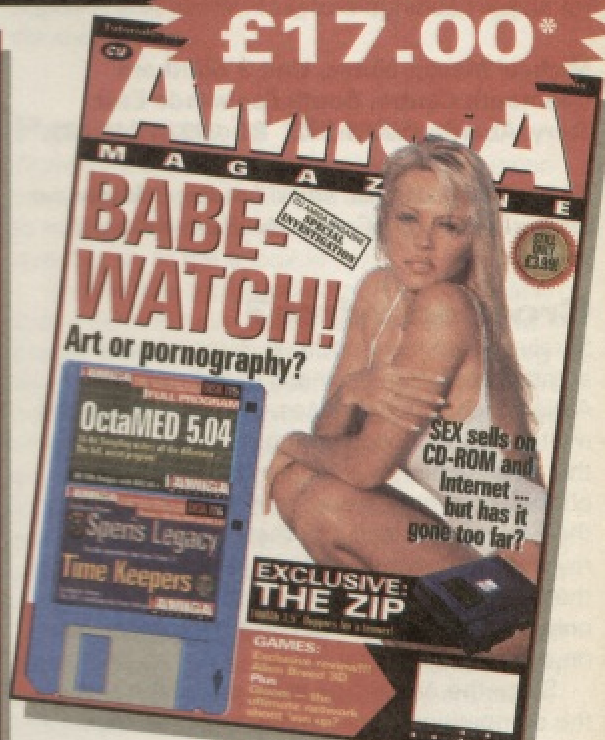
Whilst sitting in my local pub one night I could have sworn that my pint of guinness was talking to me. It said: "John go be a man, get yourself a wife, start your own business and buy a house". Not being one to ignore anything supernatural I went straight out and did what it told me to do.

Subscribe to CU AMIGA NOW!

SAVE £17.00*







GET 12 ISSUES FOR THE PRICE OF EIGHT! SAVE £17.00!*

HOW TO ORDER

Simply tick which offer applies to you, fill in the form and send it along with payment to CU Amiga Magazine subscriptions department, EMAP Consumer Magazines, FREEPOST (LE5981) Leicester LE87 4AB. (Free postage within the UK only)

Or call the subscriptions Hotline on 0858 468888

(9.00am to 5.30pm)

*12 FOR 8 OFFER OPEN TO UK RESIDENTS ONLY

CU AMIGA SUBSCRIPTION ORDER FORM

Please enter my subscription to CU Amiga Magazine.
Please tick/delete as required.

RATES - 12 issues including postage

- ❑ £34.00 UK 12 ISSUES FOR PRICE OF EIGHT (*UK only, source code: IA1i)
- ❑ £55 REST OF WORLD SURFACE MAIL
- ❑ £60 EUROPE/EIRE AIR MAIL
- ❑ £90 REST OF WORLD AIR MAIL ZONE 1
- ❑ £96 REST OF WORLD AIR MAIL ZONE 2

METHOD OF PAYMENT

❑ Cheque/Postal Order/International Money Order payable to EMAP Images Ltd.

❑ Access/Visa number .... Expires ..../............

Signature: .... Date ....

Name: ....

Address: ....

.... Postcode: ....

IMPORTANT: 12 issues for the price of 8 offer available to UK residents only. Please allow 28 days for fulfilment from receipt of order.

❑ Tick this box if you do not wish to receive any direct mail that EMAP Images Ltd feels may be of interest to you.

Offer closes 19th December 1995   Offer source code:IA1i

Note: Zone 1: Middle East, Africa, USA, South America, Hong Kong, Singapore, Pakistan, Indonesia; Zone 2: Australia, China, Japan, Pacific.

Premier Mail Order

Please Send Cheques/PO's (made out to Premier Mail Order) or Access/Visa/(Switch + Issue No) & Expiry Date to:
Dept: CU12 9-10 THE CAPRICORN CENTRE, CRANES FARM ROAD, BASILDON, ESSEX SS14 3JJ.
Telephone orders: 01268-271172 Fax your order on: 01268-271173 Mon-Fri 9am-7pm Sat&Sun 10am-4pm. We are open 364 days a year
P&P and VAT included for all UK orders. Please add per item £2 P&P for Europe and £3.50 for the rest of the world. Next day service available UK only At £4.00 per item.
Please note: Some titles may not be released at the time of going to press. Most titles are despatched same day, but can take up to 28 days. E&OE

Title	500	1200	CD
Day Cricket	16.99	—	—
h & Inches	8.99	—	—
Sub Attack	10.99	—	—
10 Tank Killer	12.99	—	—
320 Approach Trainer	26.99	—	—
ACID BLITZ COMPILER	29.99	—	—
Addams Family	8.99	—	—
Adventures of Robin Hood	12.99	—	—
Air Bucks 1.2	12.99	12.99	—
Akira	18.99	—	19.99
Afterburner	6.99	—	—
Aladdin	—	19.99	—
ALIEN BREED 3D	—	19.99	19.99
Alien Olympics	19.99	—	19.99
All Terrain Racer	17.99	19.99	19.99
Altered Beast	6.99	—	—
AMAZON QUEEN	19.99	—	—
Andre Agassi Tennis	19.99	19.99	19.99
Another World	12.99	—	—
Apidya	8.99	—	—
Arabian Knights	8.99	9.99	12.99
Arcade Pool	8.99	—	12.99
Archer Macleans Pool	10.99	—	—
Award Winners 2	19.99	—	—
B17 Flying Fortress	12.99	—	—
Baldie	19.99	19.99	19.99
Banshee	19.99	—	19.99
Base Jumpers	17.99	—	13.99
Battlechess	—	—	19.99
Battle Isle '93	17.99	—	—
Battlehawks 1942	12.99	—	—
BEHIND THE IRON GATE	16.99	—	—
Beneath A Steel Sky	20.99	—	19.99
Benefactor	17.99	—	17.99
Big Sea	19.99	—	—
Birds of Prey	12.99	—	—
Black Crypt	10.99	—	—
Blastor	17.99	—	—
Bloodnet ... A500+	19.99	26.99	—
Blitz Tennis	19.99	—	—
Blitzlight	29.99	—	—
Blue Angels	8.99	—	—
Body Blows Galactic	—	19.99	—
Bravo Romeo Delta	8.99	—	—
Breach 3	22.99	—	—
Brian The Lion	19.99	17.99	17.99
Brutal Paws of Fury	19.99	19.99	19.99
Brutal Football	—	13.99	19.99
Bubba n Stix & Premier	—	—	13.99
Bubble Bobble	6.99	—	—
Bubble & Squeak	17.99	19.99	19.99
Budokan	10.99	—	—
Bureau 13	—	19.99	—
Burning Rubber	16.99	17.99	—
Burntime	17.99	17.99	—
Campaign 2	12.99	—	—
Cabal	6.99	—	—
Cadaver/Pay Off	12.99	—	—
Cannon Fodder 2	19.99	—	—
Cannon Fodder	12.99	—	19.99
Cardiaxx	8.99	—	—
Carrier Command	4.99	—	—
Castle Master	6.99	—	—
Caesar Deluxe	12.99	—	—
Champions of Sport	13.99	—	—
CHAMP MANAGER 2	19.99	—	—
Champ Manager End Of Season	11.99	—	—
Championship Manager Italia 95	16.99	—	—
Champ Manager Compendium	17.99	—	—
Chuck Rock 1 & 2	—	—	13.99
Civilisation	—	17.99	—
Classic Board Games	8.99	—	—
Classic Coll - Delphine	16.99	—	—
CLASSIC COLL - LUCAS ARTS	19.99	—	—
Club Football	19.99	19.99	—
COALA	—	19.99	—
Cohort 2	19.99	—	—
Colonels Bequest	10.99	—	—
COLONISATION	22.99	—	—
Combat Classics 1	19.99	—	—
Combat Classics 2	19.99	—	—
Combat Classics 3	22.99	—	—
Complete Chess	22.99	—	—
Core A1200 Bundle - *Skeleton Krew, Banshee, Heimdall 2*	—	19.99	—
Core CD32 Bundle 1 - *Banshee, Heimdall 2, Universe, Skeleton Krew*	—	—	22.99
Core CD32 Bundle 2 - *Bubba n Stix, Premier, Chuck Rock 1+2*	—	—	16.99
Cosmic Spacehead	17.99	—	—
Covergirl Poker	12.99	—	—
Craft for AMOS	17.99	—	—
Crash Dummies	17.99	—	—
Cruise For A Corpse	12.99	—	—
Curse of Enchantia	12.99	—	—
Cybercon 3	10.99	—	—
Cyberspace	22.99	—	—
Cyberworlds	12.99	—	—
D Generation	12.99	—	17.99
D Thompson's Olympic Chall	6.99	—	—
Dark Seed	12.99	—	19.99
Dawn Patrol	22.99	22.99	—
Deluxe Paint V	59.99	—	—
Detroit	22.99	22.99	—
Demomaniac	17.99	—	—
Desert Strike	12.99	—	—
Disposable Hero	7.99	—	12.99
Dizzy the Big 6	—	—	12.99
Dogfight	12.99	—	—
Dragon Ninja	6.99	—	—
Dragonstone	19.99	19.99	22.99
Dreamweb	22.99	22.99	—
DUNE 1 OR 2	12.99	—	—
DUNGEON MASTER 2	—	22.99	—
Elfmania	17.99	—	—
Elite +	12.99	—	—
Elite 2 - Frontier	19.99	—	19.99
ELITE 3 - 1ST ENCOUNTERS	—	19.99	19.99
Embryo	17.99	—	17.99
Emerald Mines	—	—	12.99
Empire Soccer '94	19.99	—	—
Epic	12.99	—	—
European Champions	10.99	—	—
Evasive Action	19.99	—	19.99
Excellent Games Compilation	22.99	—	—
Exterminator	17.99	—	—
Extractors	—	—	19.99
Eye Of The Beholder 1 or 2	12.99	—	—
FORMULA ONE GRAND PRIX	12.99	—	—
F1 WORLD CHAMP EDITION A500+	19.99	—	—
F15 Strike Eagle 2	12.99	—	—
F17 Challenge	10.99	—	—
F19 Stealth Fighter	11.99	—	—
F117A Stealthfighter	12.99	—	—
F29	10.99	—	—
Fantasy Manager	8.99	—	—
FEARS	—	19.99	19.99
Fields Of Glory	12.99	12.99	22.99
FIFA Soccer	19.99	—	—
Final Over	10.99	—	12.99
Fire Force	—	—	19.99
Flashback	12.99	—	—
Sim 2 Japan Scenery	13.99	—	—
Sim 2 Hawaiian Scenery	13.99	—	—
ink	—	—	17.99
Football Glory	8.99	17.99	—
Football Glory Indoors	17.99	17.99	—
FOOTBALL STATISTICIAN PRO	26.99	—	—
Future Wars	10.99	—	—
Gamer Gold Collection	—	—	19.99
Global Effect	—	—	8.99
GLOOM	—	19.99	19.99
G Gooch-Second Innings	11.99	—	—
G Gooch-Test Match Special	19.99	—	—
G GOOCH-WORLD CLASS CRICKET	9.99	—	—
G Gooch - 94/95 Data Disk	4.99	—	—
G Gooch - Battle for the Ashes	4.99	—	—
G Taylors Soccer Challenge	8.99	—	—
GROLIERS ENCYCLOPEDIA	—	—	22.99
Grand Prix Circuit	8.99	—	—
Guardian	—	9.99	9.99
Guiness Disc of Records	—	—	16.99
Gunboat	10.99	—	—
Gunship	10.99	—	—
GUNSHIP 2000	12.99	24.99	22.99
Hanna Barbera Animation	29.99	—	—
Hardball	8.99	—	—
Hard Drivin II	8.99	—	—
Hard Nova	8.99	—	—
Head over Heels	6.99	—	—
Heart of China	12.99	—	—
Heimdall	8.99	—	—
Heimdall 2	22.99	22.99	22.99
High Seas Trader	—	22.99	—
History Line 1914-18	22.99	—	—
Hits for Six - Vol 1 - *Chicago 90 + F19 + Titus the Fox + Star Goose + Grand Prix Master*	9.99		
Hits for Six - Vol 2 - *F15 2 + Hardball Blues Brothers + Hammer Boy + Eye of Horus + Highway Patrol 2 + Hotshot*	9.99	—	—
Hits for Six - Vol 3 - *Crazy Cars 3 + Gunship + Mega Phoenix + Airball + Archpelegos + Star Ray*	9.99	—	—
Hits for Six - Vol 6 - *Silent Service 2 + 3D World Tennis + World Cricket + G Souness Soccer + Stormlord*	9.99	—	—
Hits for Six - Vol 7 - *Special Forces + 3D World Boxing + Blade Warrior + Windsurf Willy + Nebulous*	9.99	—	—
Hits for Six - Vol 8 - *Railroad Tycoon + Int Tennis + WC Football Manager + Netherworld + Big Game Fishing.*	9.99	—	—
Hook	8.99	—	—
Hoyles Book of Games 1 or 2 or 3	10.99	—	—
Hudson Hawk	6.99	—	—
Humans 1& 2	—	—	19.99
Immortal	10.99	—	—
Impossible Mission 2025	22.99	24.99	22.99
Indy Jones - Atlantis Adv	12.99	—	—
Indianapolis 500	10.99	—	—
Insight Dinosaurs	—	—	14.99
Intelligent Strategy Games	19.99	—	—
IntOS -AMOS	16.99	—	—
Ishar 3	22.99	26.99	—
Ishar Trilogy	16.99	—	—
ITS Cricket	18.99	—	—
Ivanhoe	6.99	—	—
James Pond 3	—	—	8.99
J Nicklaus Greatest 18	6.99	—	—
Jaguar XJ220	8.99	—	—
Jetstrike	17.99	19.99	19.99
Jimmy White's Snooker	12.99	—	—
John Madden Football	10.99	—	—
Jungle Strike	17.99	17.99	17.99
KGB	12.99	—	—
Kick Off 3 European Challenge	16.99	19.99	—
Kid Chaos	17.99	19.99	19.99
Kingpin	10.99	12.99	12.99
Kings Quest 1, 2, 3, 4 or 5	12.99	—	—
Kings Quest 6	22.99	—	—
Knights Of The Sky	10.99	—	—
Last Ninja 2	6.99	—	—
Leading Lap	19.99	19.99	—
Legacy of Sorasil	7.99	—	—
Legends of Valour	12.99	—	—
Leisure Suit Larry 1 or 2 or 3	12.99	—	—
Lemmings 1	—	—	19.99
LEMMINGS 3	19.99	19.99	—
Lethal Weapon	8.99	—	—
Links -The Challenge	12.99	—	—
Lion King	—	19.99	—
Lombard RAC Rally	6.99	—	—
Loom	12.99	—	—
Lords of the Realm	22.99	22.99	—
LOST EDEN	—	—	22.99
Lotus Trilogy	—	—	9.99
Lure Of The Temptress	12.99	—	—
M1 Tank Platoon	12.99	—	—
Manhunter "New York"	12.99	—	—
Manhunter "San Francisco"	12.99	—	—
Man Utd - The Double	19.99	—	—
Marvens Marvellous Adv	—	19.99	19.99
Master Axe	19.99	19.99	19.99
Match Day Manager	8.99	—	—
Mean 18	8.99	—	—
Megarace	—	—	22.99
Megatraveller 1 or 2	12.99	—	—
Messengers Of Doom	19.99	—	—
MICROPROSE GOLF	12.99	—	—
Micro Machines	17.99	—	—
Midwinter	10.99	—	—
Midwinter 2	12.99	—	—
MIG 29 Fulcrum	10.99	—	—
Mighty Max	17.99	19.99	—
Military Masterpieces	19.99	—	—
Mini Office	35.99	—	—
MONKEY ISLAND 1 OR 2	12.99	—	—
Moonbase	34.99	—	—
Morph	17.99	19.99	8.99
Mortal Kombat 1 or 2	19.99	—	—
Mr. Blobby	13.99	—	13.99
Mr. Nutz	17.99	—	—
Mutant League Hockey	17.99	17.99	—
Napoleonics	12.99	—	—
Navy Moves	6.99	—	—
New Zealand Story	6.99	—	—
Nigel Mansells W/Champ	8.99	—	19.99
Nightbreed	6.99	—	—
Night Shift	10.99	—	—
Odyssey	17.99	—	—
One Day Cricket	8.99	—	—
ON THE BALL-WORLD CUP EDITION	9.99	9.99	—
On The Ball-League Edition	19.99	22.99	—
Operation Harrier	8.99	—	—
Operation Stealth	11.99	—	—
Oriental Games	8.99	—	—
Outrun Europa	8.99	—	—
Overdrive	8.99	—	—
Overlord	22.99	—	—
Pang	6.99	—	—
Patrician	12.99	—	—
Parasol Stars	8.99	—	—
PEN PAL(WORDPROCESSOR)	24.99	—	—
PGA European Tour	17.99	17.99	17.99
PGA Tour Golf	12.99	—	—
Pictionary	6.99	—	—
Pinball Dreams & Fantasies	22.99	—	—
Pinball Fantasies	—	19.99	24.99
Pinball Illusions	—	19.99	19.99
PINBALL MANIA	—	19.99	—
Pinball Magic	6.99	—	—
Pirates	10.99	—	—
Pirates Gold	—	—	22.99
Pinkie	17.99	17.99	19.99
Pitfighter	6.99	—	—
Player Manager 2	13.99	—	—
Pole Position	19.99	19.99	—
Police Quest 1 or 2 or 3	12.99	—	—
Populous & Promised Lands	12.99	—	—
Populous 2	12.99	—	—
POWERBASE V3.5 ...(DATABASE)	14.99	—	—
Powerdrive	19.99	19.99	19.99
Powerhouse	22.99	22.99	—
Powermonger & D/Disk	12.99	—	—
Predator	6.99	—	—
Premiere	—	—	12.99
PREMIER MANAGER 3	12.99	17.99	—
Prem Man Multi Edit Sys	10.99	—	—
Prime Mover	17.99	—	—
PRIMAL RAGE	19.99	—	—
Prince Of Persia	6.99	—	—
Project X	10.99	—	—
Pro Tennis Tour	6.99	—	—
Pushover	8.99	—	—
Pussies Galore	—	16.99	16.99
Putty	8.99	—	—
Putty Squad	—	19.99	19.99
Puzznic	6.99	—	—
Qwak	9.99	—	—
Quest For Glory 1 or 2	12.99	—	—
Railroad Tycoon	12.99	—	—
Rainbow Islands	6.99	—	—
Rambo 3	6.99	—	—
RBI Baseball 2	6.99	—	—
Reach For The Skies	12.99	—	—
Realms	10.99	—	—
Red Baron	12.99	—	—
Red Heat	6.99	—	—
Rise Of The Robots	9.99	27.99	22.99
Risky Woods	10.99	—	—
Roadkill	—	9.99	9.99
Road Rash	10.99	—	—
Robocop 2	6.99	—	—
Robocop 3	10.99	—	—
Robinson's Requiem ....(A500+)	22.99	22.99	22.99
Rome AD92	12.99	—	—
Rugby League Coach	19.99	—	—
Rules Of Engagement 2	22.99	—	—
Ruff n Tumble	17.99	—	—
Ruffian	13.99	—	—
Run the Gauntlet	6.99	—	—
Sabre Team (Enhanced)	—	20.99	20.99
SCI (Chase HQ 2)	6.99	—	—
SENSIBLE GOLF	19.99	—	—
SENSIBLE WORLD OF SOCCER	19.99	—	—
Sensible Soccer International	13.99	—	—
Settlers	19.99	—	—
Shadow Warriors	6.99	—	—
Shadowlands	8.99	—	—
Shaq Fu	17.99	—	—
Shuttle - S/Flight Sim	12.99	—	—
Sierra Soccer	16.99	—	—
Silent Service 2	12.99	—	—
Sim City 2000	—	26.99	—
Sim Classics (Ant/Life/City)	22.99	—	—
Sim Life	10.99	22.99	—
SIMON THE SORCEROR 2	22.99	26.99	26.99
Simpsons	8.99	—	—
Sink or Swim	8.99	8.99	—
Skeleton Krew	—	22.99	22.99
Skidmarks	12.99	—	—
SKIDMARKS 2	19.99	—	19.99
Skitchin	17.99	17.99	17.99
Sleepwalker	8.99	8.99	19.99
Sly Spy	6.99	—	—
Soccer Kid	9.99	9.99	19.99
Soccer Team Manager	10.99	—	—
Space Academy	19.99	—	17.99
Space Quest 1 or 2 or 3 or 4	12.99	—	—
Speedball 2	8.99	—	12.99
Speris Legacy	19.99	—	19.99
Spherical Worlds	17.99	—	17.99
Sports Challenge	12.99	—	—
Stardust Special Edition	9.99	—	—
Star Crusader	19.99	19.99	—
Starlord	24.99	—	—
Street Fighter 2	12.99	—	—
Strike Fleet	10.99	—	—
STRIP POT	—	—	19.99
Stun Runner	6.99	—	—
Stunt Car Racer	6.99	—	—
Subversion	8.99	—	—
SUBWAR 2050	—	12.99	22.99
Super Hang On	6.99	—	—
Super Space Invaders	8.99	—	—
Super League Manager	19.99	19.99	19.99
Super Loopz	—	9.99	9.99
Super Methane Brothers	8.99	—	8.99
Super Stardust	—	19.99	19.99
Super Streetfighter 2	20.99	20.99	20.99
Superfrog	—	—	12.99
Superskidmarks	19.99	—	19.99
Supremacy	10.99	—	—
Syndicate	12.99	—	22.99
Tactical Manager - English or Scots	19.99	—	—
TACTICAL MANAGER 2	19.99	—	—
Team Yankee	12.99	—	—
Test Drive 2	6.99	—	—
Test Match Cricket	9.99	—	—
Terminator 2	6.99	—	—
Tetris	16.99	—	—
T.F.X.	—	26.99	—
The Big 6 - Dizzy	—	—	12.99
The Blue & The Grey	22.99	—	—
The Clue	—	19.99	19.99
The Games	10.99	—	—
The Greatest - Compilation	21.99	—	—
The Publisher	22.99	—	—
Their Finest Hour	12.99	—	—
Their Finest Missions	9.99	—	—
THEME PARK	22.99	22.99	22.99
Tiny Troops	22.99	—	19.99
Toki	8.99	—	—
Top Gear 2	17.99	17.99	19.99
TOTAL FOOTBALL	22.99	—	—
Total Recall	6.99	—	—
TOURING CAR CHALLENGE	16.99	—	—
Tower Assault	13.99	13.99	19.99
Tower of Souls	19.99	19.99	—
Traps & Treasures	17.99	—	17.99
Triple Action - Vol 6 - *Super Tetris + Airball + Time Bandit*	9.99	—	—
Trivial Pursuit	6.99	—	—
Trivial Pursuit Deluxe	—	—	19.99
Turbo Trax	19.99	—	—
Turning Points	12.99	—	—
U.F.O.	12.99	12.99	22.99
Ultimate Body Blows	—	—	19.99
Ultimate Golf	8.99	—	—
Ultimate Soccer Manager	19.99	19.99	—
Uncovered	17.99	—	—
Universe	22.99	—	22.99
Untouchables	6.99	—	—
Valhalla - Before the War	22.99	—	—
Valhalla - Lord Of Infinity	19.99	—	—
Virocop	17.99	17.99	—
VIRTUAL KARTING	—	19.99	—
Vital Light	19.99	—	19.99
Wheel Spin	—	—	19.99
Wild Cup Soccer	17.99	17.99	8.99
Wing Commander	12.99	—	—
Winter Gold	12.99	—	—
Wizkid	10.99	—	—
World Class Leaderboard	10.99	—	—
World Cup Golf	—	—	29.99
World Cup USA '94	17.99	—	—
WORLD CUP YEAR '94	19.99	—	—
World of Football	19.99	—	—
World of Golf	17.99	—	—
Worlds at War	6.99	—	—
Worlds of Legend	12.99	—	—
WORLD CUP GOLF	—	—	19.99
Worms	17.99	—	19.99
Wreckers	19.99	—	—
WWF 1 or 2	8.99	—	—
X-IT - Zonked	16.99	—	—
Z-Out	6.99	—	—
Zak McKraken	10.99	—	—
Zee Wolf	19.99	—	—
ZEE WOLF 2 - WILD FIRE	25.99	—	—

SPECIAL OFFERS

Title	500	1200	CD
Alfred Chicken	—	—	12.99
BattleToads	—	—	12.99
Beavers	—	—	12.99
Body Blows	12.99	12.99	—
Chaos Engine	9.99	—	12.99
ClockWiser	—	—	12.99
Cool World	8.99	—	—
Dennis	—	—	12.99
Disposable Hero	7.99	—	—
Fly Harder	—	—	12.99
Garden Fax - Fruits + Veg	—	—	12.99
Garden Fax - Garden Plants	—	—	12.99
Garden Fax - Indoor Plants	—	—	12.99
Garden Fax - Trees + Shrubs	—	—	12.99
Humans 1+2	—	—	—
Jack Nicklaus Unlimited	12.99	—	—
J Nicklaus Designer Clip Art	7.99	—	—
James Pond 2 RoboCod	—	—	12.99
K240	7.99	—	—
Last Ninja 3	—	—	9.99
Legacy of Sorasil	7.99	—	—
Mean Arenas	—	—	12.99
MICROPROSE GOLF	12.99	—	—
Myth	—	—	12.99
Naughty Ones	—	—	12.99
Out To Lunch	—	—	12.99
Poergames	—	—	12.99
Sabre Team	—	—	12.99
Sensible Soccer 92/93	12.99	—	—
Sensible Soccer International	—	—	12.99
Shadowfighter	9.99	9.99	9.99
SIMON THE SORCEROR 1	12.99	12.99	12.99
Syndicate	12.99	—	22.99
Tornado	9.99	9.99	—
Total Carnage	—	—	12.99
Vikings	8.99	—	—
WEMBLEY INTERNATIONAL SOCCER	—	7.99	7.99
Wembley Rugby League	7.99	—	—
World Class Rugby 95	9.99	—	—
Zool	8.99	—	8.99
Zool 2	8.99	—	8.99

EDUCATIONAL

Title	500	1200	CD
10/10 Dinosaurs (All Ages)	18.99	—	—
10/10 Driving Test (Learners)	18.99	—	—
10/10 Early Essentials (3-7)	18.99	—	—
10/10 English (6-16)	18.99	—	—
10/10 Essential Maths (5-12)	18.99	—	—
10/10 German (8-16)	18.99	—	—
10/10 French (8-16)	18.99	—	—
10/10 Junior Essentials (5-11)	18.99	—	—
10/10 Maths Algebra (6-16)	18.99	—	—
10/10 Maths Numbers (6-16)	18.99	—	—
10/10 Maths Statistics (6-16)	18.99	—	—
10/10 Structured Spelling (-9)	18.99	—	—
ADI GCSE Maths/English/French	22.99	—	—
ADI Junior Counting (4-5) or (6-7)	13.99	—	—
ADI Junior Reading (4-5) or (6-7)	13.99	—	—
Better Spelling (8-10)	13.99	—	—
Better Maths (12-16)	13.99	—	—
Cave Maze (8-12)	10.99	—	—
Count and Add (3-5	8.99	—	—
Fraction Goblins (8-13)	10.99	—	—
F School 2 (-6) or (6-8) or (8+)	6.99	—	—
F School Maths (7-11)	17.99	—	—
F School Paint & Create (5+)	17.99	—	—
F School Spelling Fair (7-13)	17.99	—	—
Groliers Encyclopedia	—	—	22.99
Hutchinson Encyclopedia	—	—	12.99
INSIGHT DINOSAURS	—	—	14.99
Junior Typist (5-10)	10.99	—	—
Kid Pix	10.99	—	—
Magic Maths (4-5)	13.99	—	—
Maths Dragons (6-13)	10.99	—	—
Maths Mania (8-12)	13.99	—	—
Mix and Match (3-5)	8.99	—	—
Noddy's P/Time or Big Adv (3+)	16.99	—	—
Picture Fractions (7-10)	10.99	—	—
Reasoning With Trolls (5-12)	10.99	—	—
Tidy The House (6-10)	10.99	—	—

JUNIOR ADVENTURES

Title	500	1200	CD
Robin Hood (8+)	13.99	—	—
Scrooge - Xmas Carol (8+)	13.99	—	—
Spellbound (7-16)	8.99	—	—
The Three Bears (5-10)	13.99	—	—
Wind In The Willows (6+)	13.99	—	—
Wizard Of Oz	13.99	—	—

JOYSTICKS & ACCESSORIES

AAR = ANALOG ADAPTER REQUIRED

Item	Price
10 Capacity 3.5" Disk Box	1.99
50 Capacity 3.5" Disk Box	5.99
100 Capacity 3.5" Disk Box	7.99
4 Player Joystick Adapter	4.99
Analog Joystick Adaptor	4.99
Automatic Joystick/Mouse Splitter	14.99
CH FLIGHTSTICK (ANALOG) (AAR)	29.99
Cheetah 125+	7.99
Cheetah Bug	11.99
Competition Pro Joypad for CD32	13.99
Freewheel Steering Wheel	24.99
Gravis Analog Joystick (AAR)	29.99
GRAVIS ANALOG PRO JOYSTICK (AAR)	54.99
Gravis Adv Switch Joystick	22.99
Gravis Gamepad	15.99
Mouse	10.99
Mousehouse	1.99
Mousemat	1.99
Joystick/Mouse Extension Cable	6.99
Joystick Y Splitter	4.99
Logic 3 Delta Ray Autofire JY156	10.99
Logic 3 Quatro GT Autofire JT155	10.99
Logic 3 Quatro JT154	8.99
Quickjoy Hyperpad	8.99
Quickjoy Jetfighter	11.99
Quickjoy Pedals	13.99
Quickjoy Topstar	17.99
Quickjoy II Turbo	10.99
Saitek Megagrip 2 Autofire MX220	10.99
Saitek Megagrip 7-MX732 (Analog) (AAR)	13.99
Screenbeat 3 Speakers SB203	12.99
Screenbeat 4 Speakers SB204	11.99
Screenbeat 5 Speakers SB205	11.99
Screenbeat Pro 50 Speakers SB250	32.99
Screenbeat RCA Adapter Cable	1.99
Screenbeat Power Supply	7.99
Suncom Analog Edge II (Analog) (AAR)	14.99
Suncom Flight Max (Analog) (AAR)	27.99
Suncom FX2000 (Left & Right Handed) (AAR)	17.99
Suncom Slik Stick	5.99
Suncom Tac 2	7.99
SX-1 CD32	189.99
Wico Q Stick	4.99

3.5" Blank Discs

	TDK Low	TDK High	Precision Low	Precision High	Unbranded Low	Unbranded High
10	5.99	6.99	3.99	5.99	3.50	4.99
20	11.50	13.50	7.50	11.50	6.50	9.50
50	27.50	32.50	17.50	27.50	16.25	22.50
100	52.50	62.50	32.50	52.50	29.99	42.50

RECYCLED DS/DD Low Density
10 @ 2.99 20 @ 5.50 50 @ 12.50 100 @ 22.50

PD & Shareware

BUSINESS

Title	Price
B001 A-Gene (1 meg)	1.25
B002 Business Card Maker	1.25
B003 Database Master	1.25
B004 Ami Cash	1.25
B005 Amibase Prof	1.25
B006 600 Business Letters	1.25
B007 Text Engine	1.25
B008 PC Task	1.25
B011 A-Gragh	2.50
B013 Analytic ALC	1.25
B015 Stock Analyst	1.25
B016 Little Office	1.25
B017 Budgets V1.34	1.25

EDUCATIONAL

Title	Price
E002 The Bible (4 Disks)	4.99
E003 World Databank	1.25
E004 GCSE Maths	1.25
E006 Total Concepts	1.25
E007 Bank Talk	1.25
E008 Dunks DTP	1.25
E009 Colour The Alphabet	1.25
E010 The Highway Code	1.25
E011 Junior Maths	1.25
E012 Electronic Train Set (1 MEG)	1.25
E013 Learn & PLay 1	1.25
E014 Learn & Play 2	1.25
E015 Treasure Hunt	1.25
E016 Wraithed One	1.25
E017 Story Land 2	1.25
E018 Wotitsname	1.25

CREATIVE

Title	Price
C002 Label Designer	1.25
C003 Super Fonts	1.25
C005 Deluxe Paint Tutor	1.25
C006 Shadow Demo Maker	1.25
C007 Clip Art	1.25
C009 Lllinois Labels	1.25
C011 Word Power	1.25
C012 Font Farm	1.25
C013 Wine Maker	1.25
C014 Assassins	1.25
C016 Garden Designer	1.25
C017 X Beat	1.25

UTILITIES

Title	Price
U003 The Workshop	1.25
U006 Address Book	1.25
U008 Asteroid	1.25
U010 Autograph	1.25
U013 The Right Way	1.25
U014 Panasonic Printer Driver	1.25
U015 H.P. Printer Driver	1.25
U016 Seikosha Printer Driver	1.25
U017 Cannon & Citizen Printer Driver	1.25
U020 Bad Format	1.25
U021 Amiga Beginers Guilde	1.25
U022 Better Bench V1.2	1.25
U023 De-grader 500 600 1200	1.25
U024 Extermin-8 Virus Killer	1.25
U027 Fake Memory for a 1200	1.25
U028 Action Replay For The 600	1.25
U029 Amiga Tutorial	1.25
U030 A.C.E.S Database	1.25
U035 Text Plus v4.00	1.25
U037 Ultimate Cheats And Solutions	1.25
U038 Number Pad For 600	1.25
U039 Calorie Base	1.25
U040 J R Comm	1.25
U041 Race Raptor	1.25
U042 Pools Pools V2	1.25
U043 Training Log	1.25
U044 Mastie Niblick	1.25
U045 D-Solve	1.25
U046 Lockpic v2.0	1.25
U047 Relo Kick v1.4	1.25
U048 Procad Electroid	1.25
U049 Dividends Winner	1.25
U052 Essential Virus Killer	1.25
U053 Soccer League	1.25

DEMOS & RAVE

Title	Price
D001 Night Breed	1.25
D002 Iron Maiden Slideshow	1.25
D003 Good Morning Veitnam	1.25
D004 Creep Show	1.25
D005 Fracion Horror Show	1.25
D006 Total Recall Slideshow	1.25
D007 Evil Dead (1 meg)	1.25
D008 Batman Cartoon	1.25
D009 Robocop	1.25
D010 Viz Slideshow	1.25
D011 Not The 9 Oclock News	1.25
D012 Raider Of The Lost Ark	1.25
D013 Predator Demo	1.25
D014 Safe Sex	1.25
D015 Stealthy 2 (1 meg)	1.25
D016 Jimi Hendrix Slideshow	1.25
D018 Holsten Pils	1.25
D019 Popeye Meets The Beach Boys	1.25
D021 Moonwalker Demo	1.25
D022 Mike Tyson (1 meg)	1.25
D024 Terminator	1.25
D026 Life Of Brain	1.25
D027 The Garfield Slideshow	1.25
D028 Teenage Turtles Slideshow	1.25
D029 WWF Slideshow	1.25
D030 The Gathering GFX	1.25
D041 Enterprise leaving Dock	1.25
D042 Girls of Sport	1.25
D043 The Run (1 meg)	1.25
D044 Star Trek Animations	2.50
D045 Jesus On E's	1.25
D046 How To Skin A Cat	1.25
D047 Calendar Girls	1.25
D048 Rave Vision	1.25
D049 Techno Warrior	1.25
D050 Jesus Loves Acid	1.25
D051 House Samples	1.25
D052 Rave Length	1.25

MUSIC

Title	Price
M028 Pink Floyd The Wall Remix	1.25
M029 No Limits	2.50
M030 Cybernex	1.25
M031 Motiv-8	1.25
M032 Sound Track Slampler (4 disks)	4.99

GAMES

Title	Price
G014 Zalycon	2.50
G015 Earth Invaders	1.25
G017 Mayhem	1.25
G018 The Fun House	1.25
G019 Amos Games	1.25
G020 Games Galore	1.25
G021 Quadrix (pal only)	1.25
G022 Buzzard	1.25
G023 Break Out	1.25
G024 DEmolition Mission	1.25
G025 Lady Bug (not 600 or 1200)	1.25
G026 Depth Charge	1.25
G029 Dual	1.25
G030 Spitfire Assault	1.25
G031 Tetris Pro	1.25
G032 Relayer	1.25
G033 Bomb Jacky	1.25
G034 Top Secret	1.25
G035 Flagcatcher	1.25
G036 Wizwar	1.25
G038 Calculus Combat	1.25
G039 Blob	1.25
G040 Sector	1.25
G041 Gush	1.25
G042 Smurf Hunt	1.25
G043 Super League Manager	1.25
G044 Quiz Master & Editor	1.25
G045 Revenge Of The Mutant Camels	1.25
G046 Tank Attack	1.25
G047 White Knight	1.25
G048 Wibble World Giddy	1.25
G051 Atlantis	1.25
G052 Adventure Soultions (not 1200)	2.50
G053 Legend Of Lothian	1.25
G054 Iron Clads (not 1200)	2.50
G055 Wizars Wars	1.25
G056 Fortress (demo)	1.25
G057 Neighbours Adventure	2.50
G058 Space Rescue	1.25
G059 Dungeon Delver	2.50

SPORTS

Title	Price
SP001 Top Of The League	1.25
SP004 Mr.Men Olympics	2.50
SP005 Slamball	1.25
SP006 Strikeball	1.25
SP007 Amos Cricket	1.25
SP008 Grand Prix Simulator	1.25

SIMULATIONS

Title	Price
SM001 5 Simulation Games (not 1200)	1.25
SM002 Return To Earth	1.25
SM003 Napoleonic Warfare Sim v5	1.25
SM004 Wheel of Fortune (not 1200)	1.25
SM005 Card Sharp	1.25
SM006 Sub Attack	1.25
SM007 Roulette	1.25
SM008 Act Of War	1.25
SM009 Micro Market	1.25

Windows 95 Good for the Amiga?

Andy Leaning, ex-technical editor of CU Amiga Magazine and current technical editor of our sister PC magazine PC Review argues that Windows '95 is good for the Amiga.

There can be few people in the world who missed the launch of the latest operating system for PCs, Windows '95. Microsoft are spending a reported $700million on the launch and subsequent marketing. Every major country was subjected to a barrage of marketing stunts such as painting fields around airports with the Windows '95 logo.

What has this got to do with you? Surely such an onslaught will attract more users to the PC market, away from Amiga technologies' home computer. Well yes and no. Yes, the mass advertising behind Windows '95 will help the PC cause but I also believe it will considerably help the Amiga.

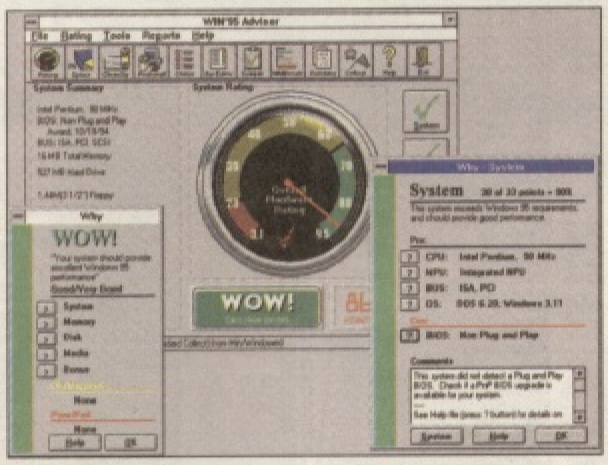
A better option

There are two main reasons why I think Windows will help the Amiga. First, Windows '95 will initially drive up prices of hard drives and RAM, making the Amiga look an even more attractive cost option. How? As Windows needs more RAM, 8Mb at least, and swallows drive space millions of Windows '95 users around the world will be upgrading.

However, for the immediate future at least, there aren't enough Simms and hard drives to meet demand thus forcing the price up. It's expected that single Simms will raise in price by almost 30% in the next six months, making new PCs and PC upgrades more expensive.

The Amiga, however, with its low overheads, doesn't need huge hard drives and memory and will be cheaper by comparison. People wandering into dealers showrooms looking for PCs will be faced with having to pay more than they expected for a PC and then see a cheaper Amiga doing pretty similar stuff for much less.

'Pretty similar stuff': there lies the second reason why I suspect Windows '95 will help the Amiga. Take a look at the features list of Windows '95: multitasking, plug 'n' play, easier configuration for games, no more MS-DOS (cough!), icons that can dragged around the desktop.



Windows '95: not really offering anything new that the Amiga hasn't already been doing for ten years.

Heard this before? Of course you have, approximately ten years ago to be precise, just about the same time the Amiga was launched, the reason – because these are just some of the technical advantages that the original Amiga had and it had them ten years ago! But in the last ten years the Amiga operating system hasn't stood still, it's undergone numerous improvements. Today's models are fine tuned. Their multitasking is highly efficient, the plug-and-play equivalent in AmigaDos near perfect (compared to the first PC version in Windows 95) and works on every Amiga – rather than just the more recent models, games almost always work first time and, well you get the idea.

The end result is that the Amiga operating system and hardware will appear to do a much better job of these 'new' features than the PC and anyone (even those without computing experience) will recognise this. Now think of all that expensive marketing Microsoft is pumping out – the result will naturally be thousands and thousands of eager people flooding through the doors of dealers, like Escom and Silica. Invariably such people will have a play with the PC first dragging icons around, clicking on the infamous Start button and pressing keys. The two representative stores I named earlier were chosen because they are two of the larger retailers, with stores in most towns. But these two chains also happen to carry both the Amiga and PC, as do many other dealers, so there's more than a good chance that new users going into such stores will see the Amiga, sitting there strutting it's stuff, doing it better, and doing it for hundreds of pounds less.

Easily swayed

Of course millions of people around the world will still go for the PC, there are plenty of reasons to do so. I'm not for one minute suggesting that the Amiga is a better computer, or worse for that matter. However there will be many people who will be swayed, by the cheaper Amiga option.

These new users will want the same kind of software that they could get for the PC and will bring valuable extra spending power to the Amiga market, encouraging software houses like Softwood, Softlogik, Digita etc to spend more on R&D and produce better titles.

Of course this could all be a pipe dream, but I for one don't think so, and neither do several of the larger dealers now stocking the Amiga again after its recent sabbatical. See you in the stores. ■

Andy Leaning

The opinions expressed in this article are not necessarily those held by CU Amiga Magazine. If you hold an opinion on this or any other related subject then email us at: CUAMIGA@cu-Amiga.demon.co.uk

68040 68060

TAKE YOUR AMIGA TO THE MAX

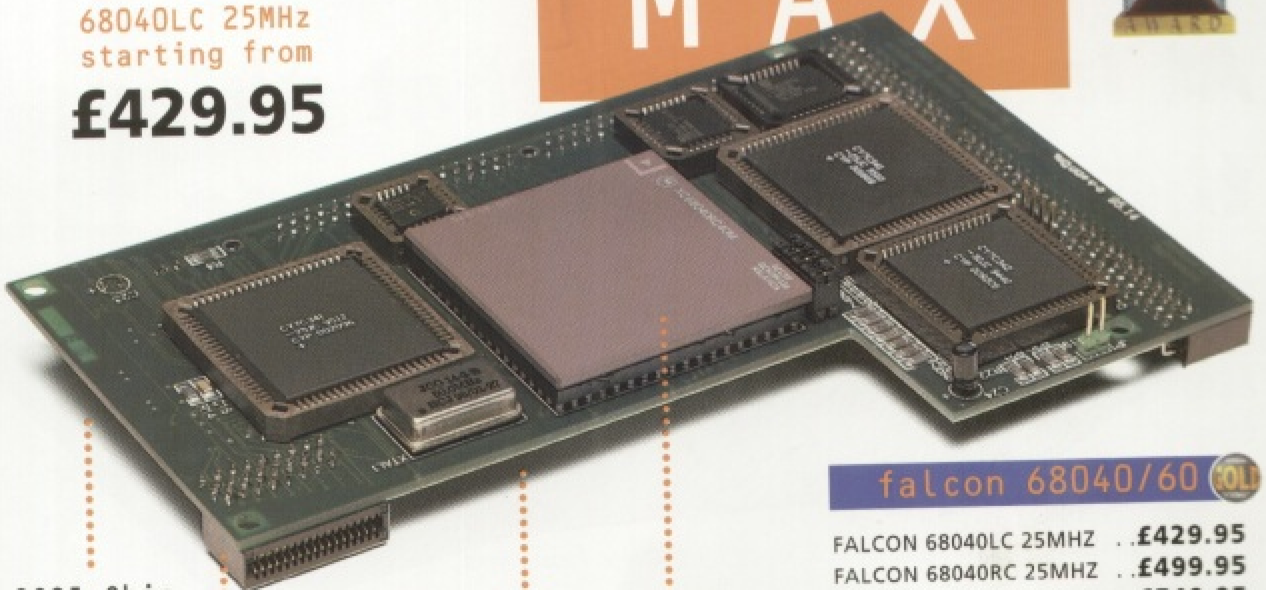
Superior performance. Full on speed. Yours when you add the new Falcon 68040/060 accelerator to your Amiga 1200. It's like never hitting the brakes. State-of-the-art-technology for the ultimate rush. Seriously faster than a 4000/040 at a fraction of the cost. Fit the Falcon, feel the speed. If you dare.

specifications

- 1.5 Times more powerful than the Amiga 4000/040*
- RAM Access 3.5 times quicker than the Amiga 4000/040*
- Easily upgradable to the 68060 Processor**
- 68060 Processor socket built-in
- Can host up to 128MB of Local Burst RAM
- Fast SCSI-II/III SMA Hard Disk Controller (10MB/Sec)
- PCMCIA Compatible and fully auto-configuring

*Speed based on the 68040 25MHz CPU
** Upgrade 68060 price programme available soon
Amiga case needs to be opened and trapdoor modified

68040LC 25MHz starting from
£429.95

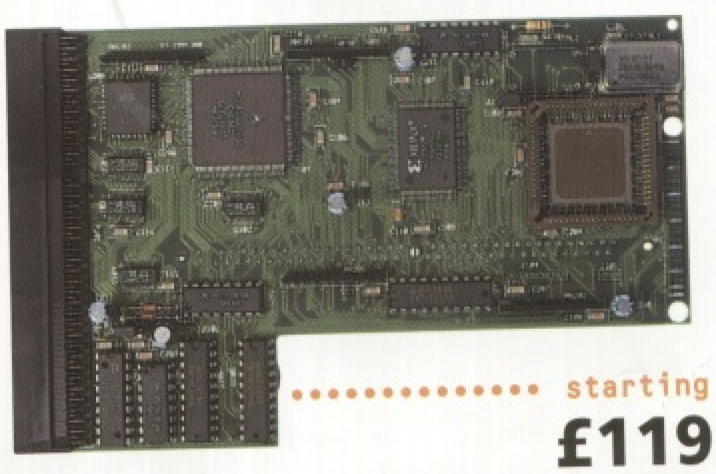


falcon 68040/60

FALCON 68040LC 25MHZ	£429.95
FALCON 68040RC 25MHZ	£499.95
FALCON 68040RC 33MHZ	£549.95
FALCON 68060RC 50MHZ	£649.95
4MB SIMM	£139.95
8MB SIMM	£279.95
SCSI ADAPTOR	£29.95

All Falcon's come complete with a cooling fan

POWER VIPER



starting from
£119.95

viper 28mhz

The Viper 28 can have up to 128MB RAM installed, full Kickstart remapping, optional SCSI-II adaptor, on-board battery backed clock, 68882 co-processor, instruction and data burst modes.

VIPER 28 MKII BARE	£119.95
VIPER 28 MKII 2MB	£199.95
VIPER 28 MKII 4MB	£259.95
VIPER 28 MKII 8MB	£399.95
VIPER 28 MKII 16MB	£569.95

viper 50mhz

The Viper 50 can have up to 128MB RAM installed, and the same features as the Viper 28.

VIPER 50 BARE	£199.95
VIPER 50 2MB	£279.95
VIPER 50 4MB	£349.95
VIPER 50 8MB	£479.95
VIPER 50 16MB	£649.95

viper co-processor

FPU's complete with crystal. Please state for Blizzard compatibility.

20MHZ FPU PLCC	£20.95
33MHZ FPU PLCC	£39.95
40MHZ FPU PLCC	£60.95
50MHZ FPU PGA	£89.95
SCSI-II INTERFACE (VIPER II ONLY)	£69.95
4MB SIMM	£139.95
8MB SIMM	£279.95

pc1208

A1200 8MB RAM card which uses 1 x 32 SIMMs and is PCMCIA friendly.

PC1208 BARE	£59.95
PC1208 1MB	£89.95
PC1208 2MB	£129.95
PC1208 4MB	£189.95
PC1208 8MB	£329.95

warp engines

WARP ENGINES	£POA

TELEPHONE 01234 273000
FACSIMILE 01234 352207
POWER COMPUTING LTD
44A/B STANLEY STREET
BEDFORD MK41 7RW

.power

ALL PRICES INCLUDE VAT. SPECIFICATIONS AND PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL TRADEMARKS ARE ACKNOWLEDGED. ALL ORDERS IN WRITING OR BY TELEPHONE WILL BE ACCEPTED ONLY SUBJECT TO OUR TERMS AND CONDITIONS OF TRADE, COPIES OF WHICH ARE AVAILABLE FREE OF CHARGE ON REQUEST.

PLAYER Manager 2 EXTRA

THE CHASE FOR GLORY

ENHANCED VERSION FOR AMIGA 1200

At last a game that unleashes the power of the Amiga 1200!

Release date: 18th October

Player Manager 2 Extra - The Chase for Glory **is the Amiga 1200 version of the chart topping Player Manager 2.**

Graphically enhanced throughout, *Player Manager 2 Extra* boasts a multitude of thrilling new features, exciting options and great sound effects.

Player Manager 2 Extra **remains the only game that allows you to play for the team you manage giving action on and off the pitch.**

A choice of four playing views





Winning Features

- Tactics Designer with powerful ray trace facility
- Active transfer and loan markets
- Train players from schoolboys to multi million pound stars
- All the domestic and European cup competitions
- A choice of four playing views. Play as a team or in position
- 1-4 Players
- Thrilling match reports
- Alan Hansen predicts
- Greatest games, greatest goals, champions, disasters and scandals - READ ALL ABOUT IT.

Registered users buy this great new version for only £10.00 (includes P&P). Contact Anco for details.

Detailed Management Tools




Extra Gameplay

New for the Amiga 1200

- Real Teams - Real Players - Real Stats
- Unique skill, coach and management assessment tools to pick your best team
- Three skill levels
- Animated scoreboard style predict and after match highlights
- Challenge round. Use bonus points won to secure a management position with a big name club
- Manager and player awards. Will you be named Manager of the Month?
- Enlarged coaching section
- Endure the dreaded press conference after the big games.
- Comprehensive manager assessment throughout the year.
- Player Manager World - Up to 8 players compete to see who really has created the ultimate team.

Stunning New Graphics





Published by Anco Software Ltd, Unit 7 Millside Industrial Estate, Lawson Road, Dartford, Kent DA1 5BH Tel: 01322 292513 Fax: 01322 293422.
Screenshots are illustrative of gameplay only and may vary from format to format. Requires a joystick.